



Analysis from 11-APR-2011 00:00:00 to 11-APR-2011 23:59:59. Page generated on 12-APR-2011 07:31:28.  
View log file: ASAR\_Daily\_Report\_20110412\_0731.log. For any anomalies please contact emma.griffiths@vegaspace.com, kajal.haria@vegaspace.com.

This report is automatically generated every day, every 2 hours. No comments are provided on the results.

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## 1 - DATA SUMMARY

### 1.1 - Summary tables

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WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	3	PDE	WS	H/H	35	PDE	IS2	H/H	1	PDE	IS1	V/V	1	PDE	WS	H/H	33	PDK	2011-04-11 13:20:33	H	320
PDE	IS2	V/V	29	PDK	WS	H/H	27	PDE	IS3	H/H	1	PDE	IS2	V/V	1	PDE	WS	V/V	5	PDK	2011-04-11 15:00:47	V	320
PDK	IS2	V/V	21					PDE	IS4	H/H	1	PDE	IS4	H/H	3	PDK	WS	H/H	15				
								PDE	IS4	V/H	1	PDE	IS5	V/V	1								
								PDE	IS4	V/V	1	PDE	IS6	H/H	7								
								PDE	IS5	H/H	2	PDE	IS6	V/V	1								

## 1.2 - Lists of products used

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[TXT] [XLS] List\_WVS\_products\_used  
 [TXT] [XLS] List\_GM1\_products\_used  
 [TXT] [XLS] List\_APM\_products\_used  
 [TXT] [XLS] List\_IMM\_products\_used  
 [TXT] [XLS] List\_WSM\_products\_used  
 [TXT] [XLS] List\_MS\_products\_used

## 2 - AUXILIARY FILES ANALYSIS

### 2.1 - IECF operational ADFs list

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No IECF ADFs list available

### 2.2 - Products with wrong ADFs

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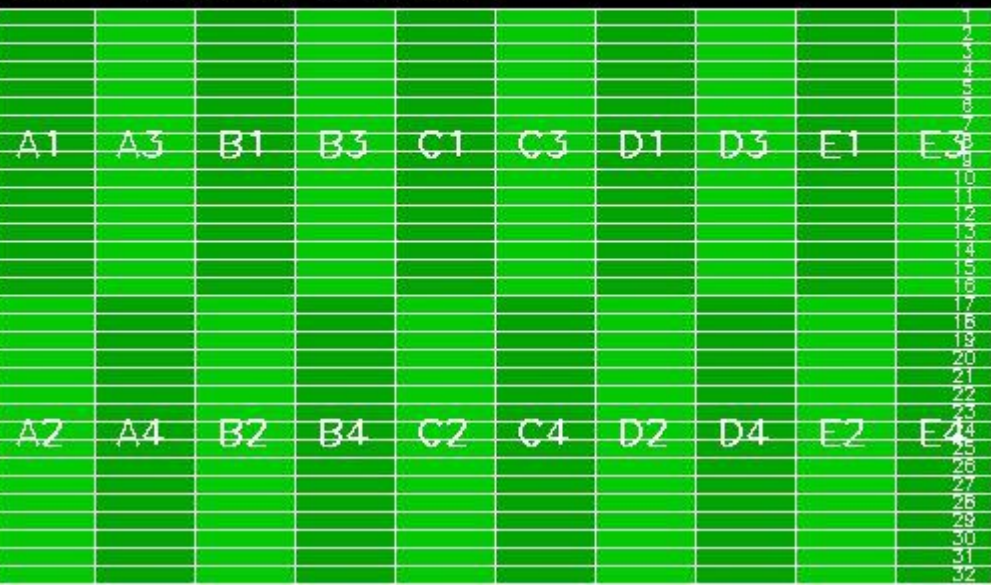
## 3 - MODULE STEPPING PRODUCTS ANALYSIS

SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
Pre-launch reference (2001-02-09)	Previous product in the same polarisation

Reference: 2001-02-09 14:08:23 V RxGain  
 Test : 2011-04-11 15:00:47 V



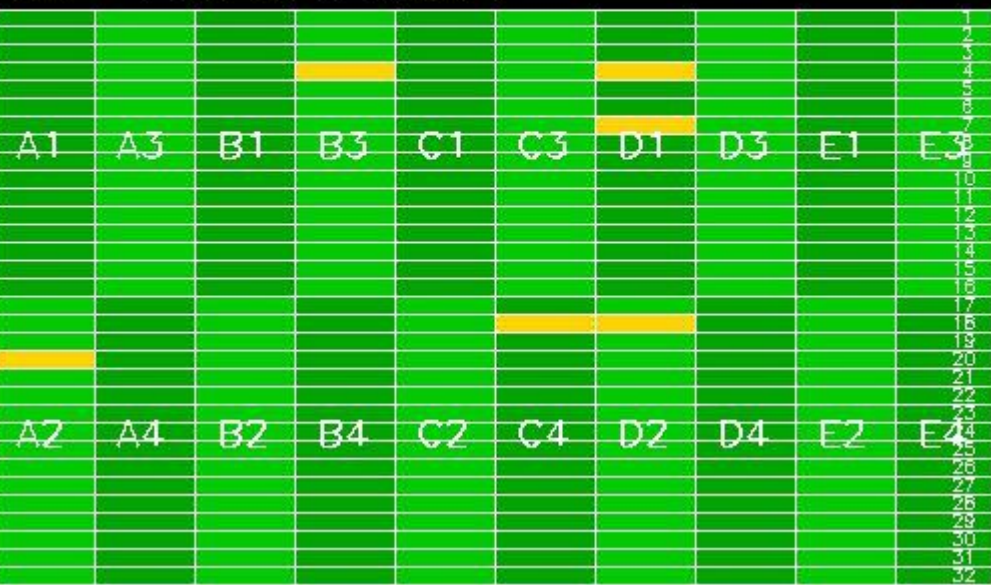
Reference: 2011-04-10 15:37:31 V RxGain  
 Test : 2011-04-11 15:00:47 V

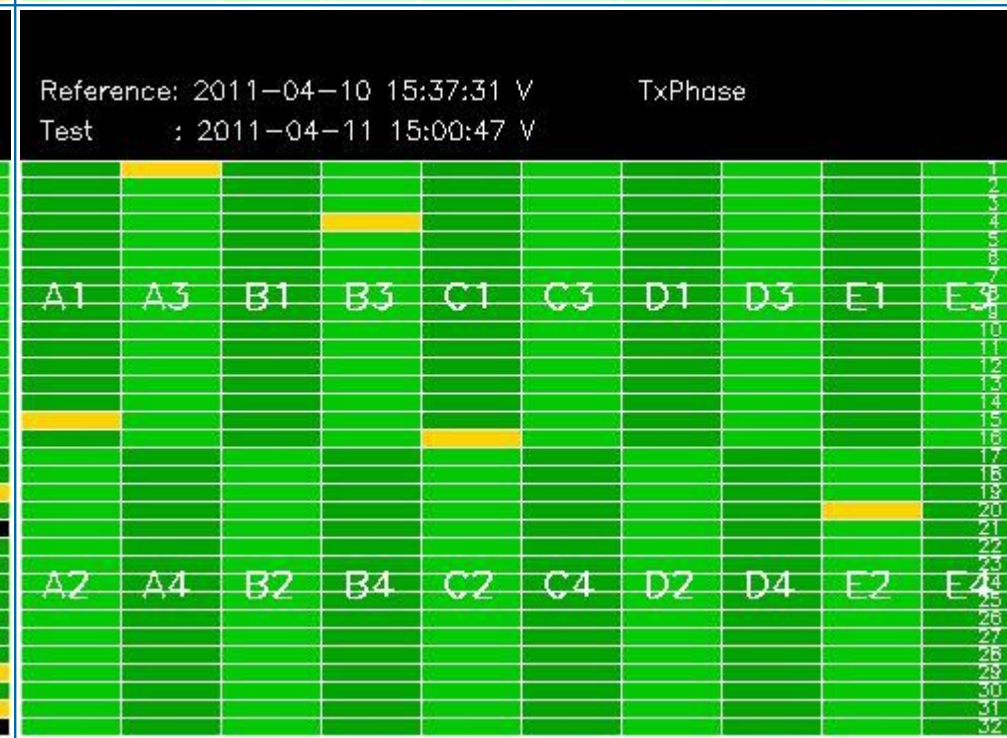
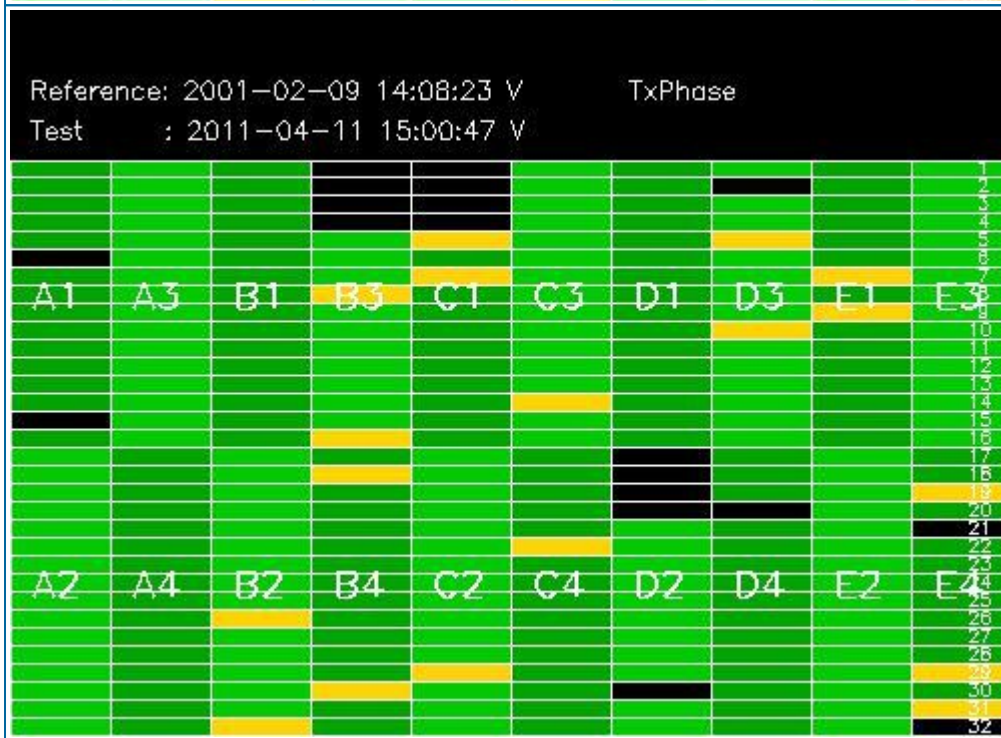
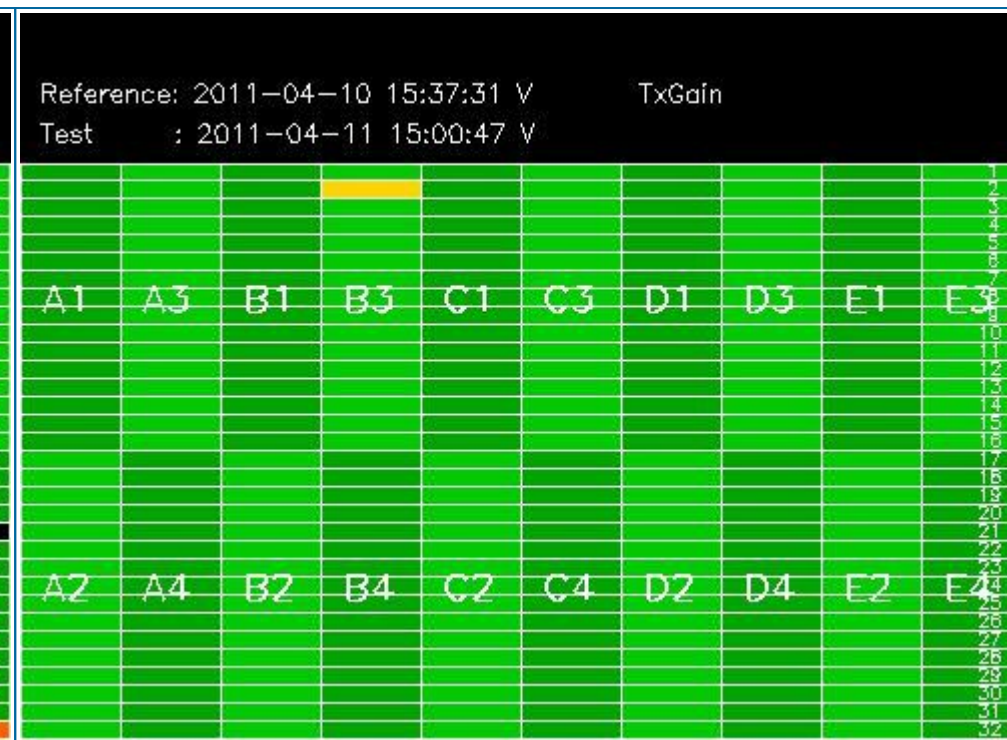
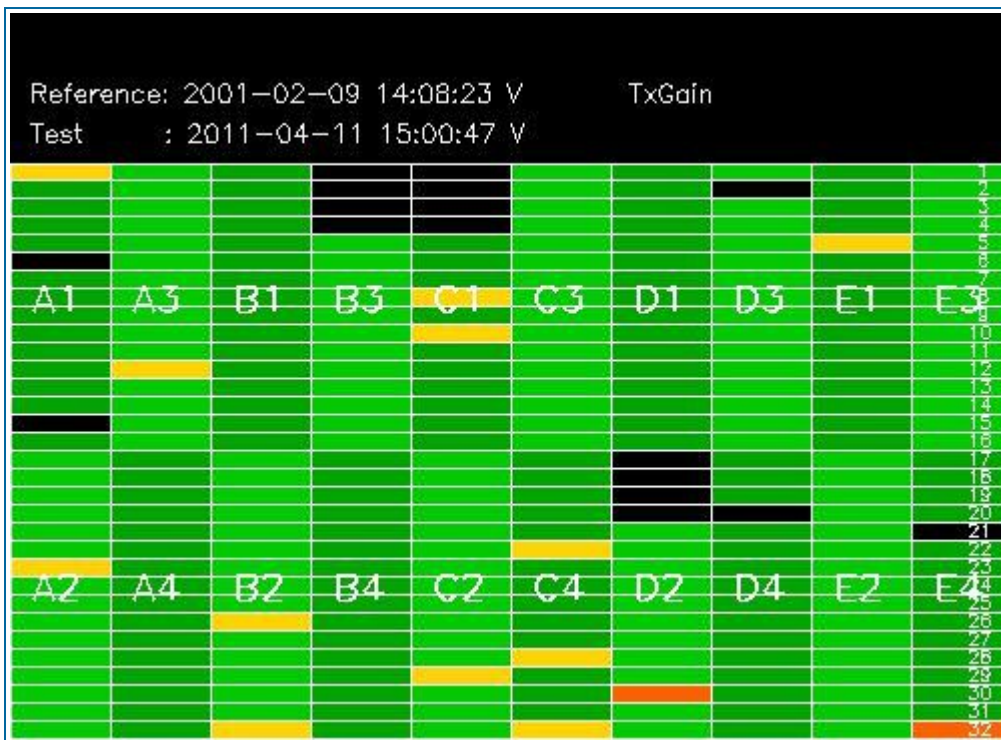


Reference: 2001-02-09 14:08:23 V RxPhase  
 Test : 2011-04-11 15:00:47 V



Reference: 2011-04-10 15:37:31 V RxPhase  
 Test : 2011-04-11 15:00:47 V



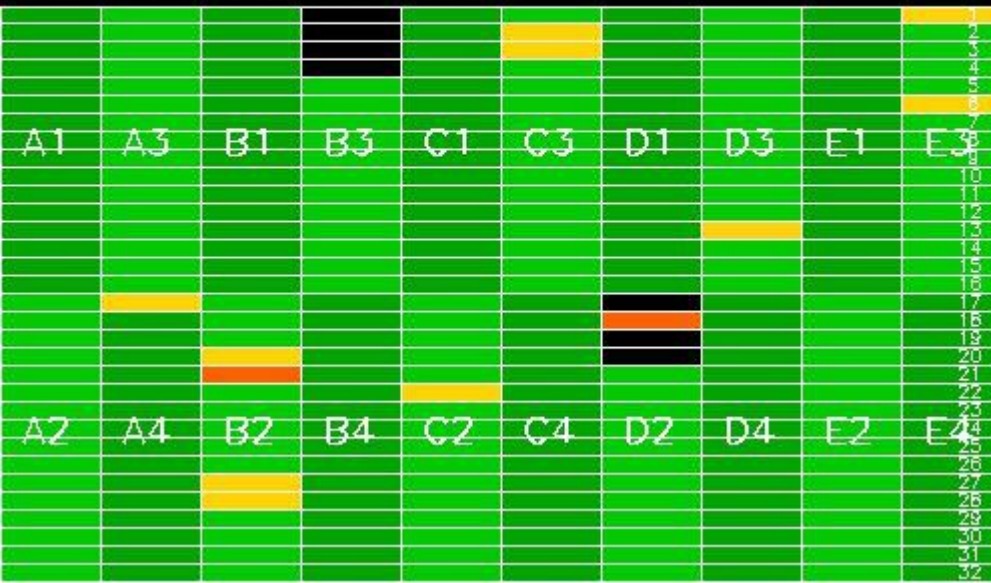


### 3.2 - H/H polarisation

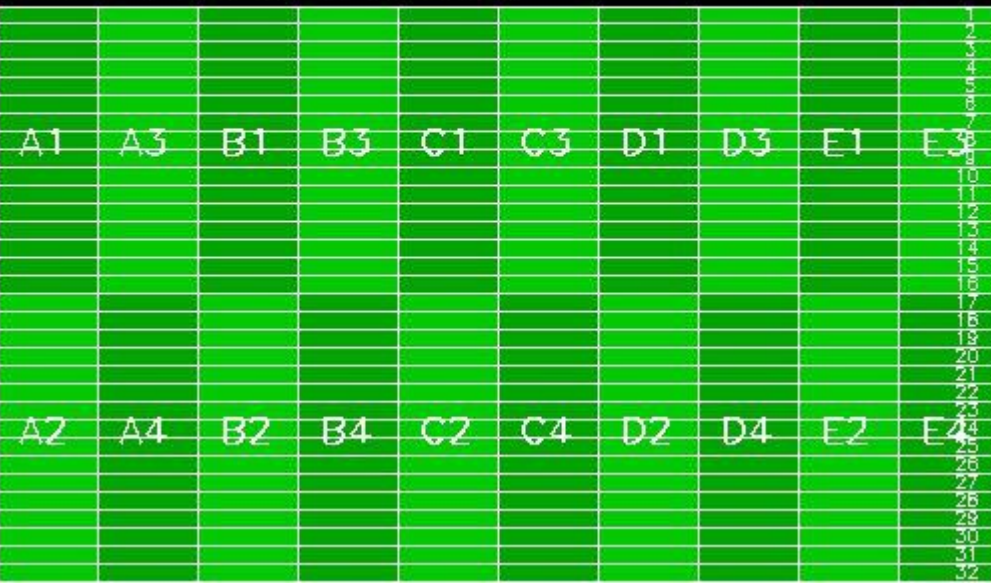
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SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
Pre-launch reference (2001-02-09)	Previous product in the same polarisation

Reference: 2001-02-09 13:50:42 H RxGain  
 Test : 2011-04-11 13:20:33 H



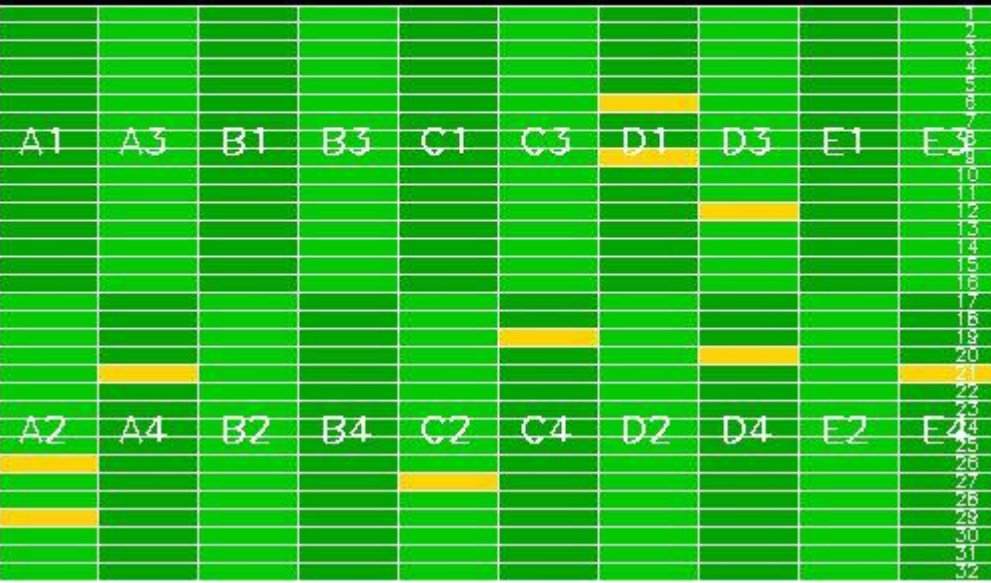
Reference: 2011-04-09 14:34:01 H RxGain  
 Test : 2011-04-11 13:20:33 H

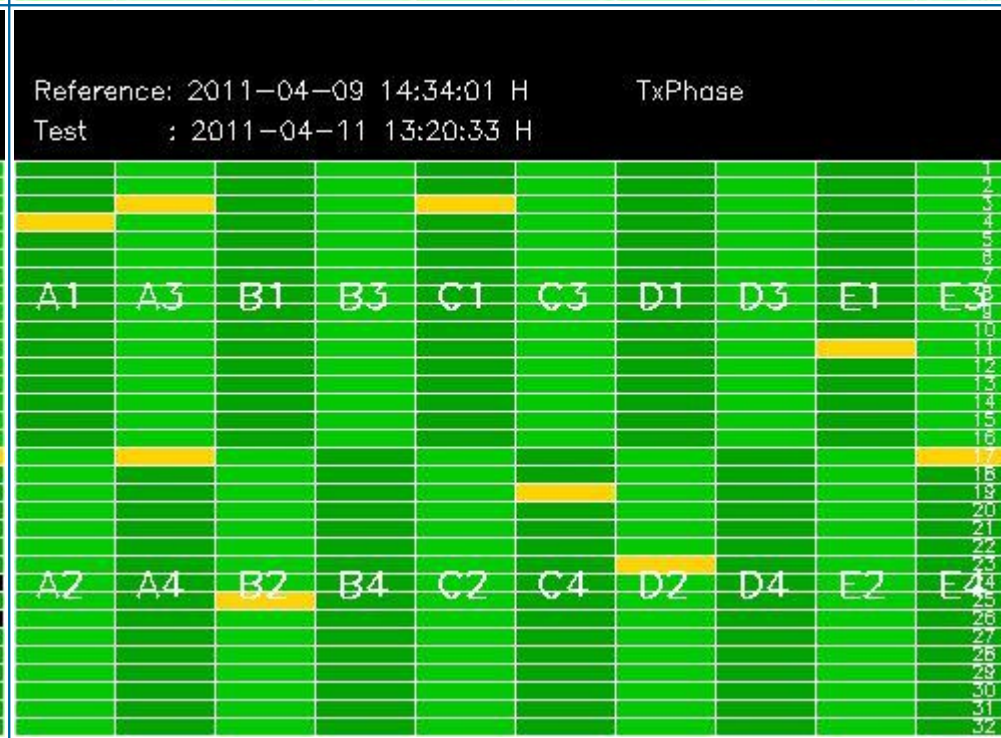
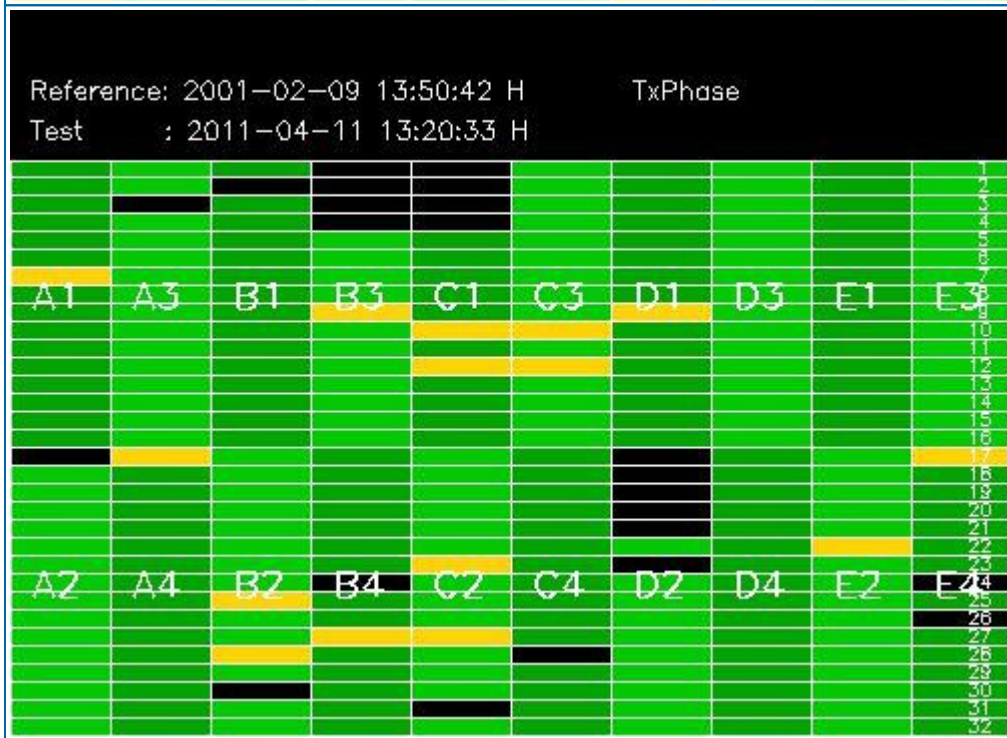
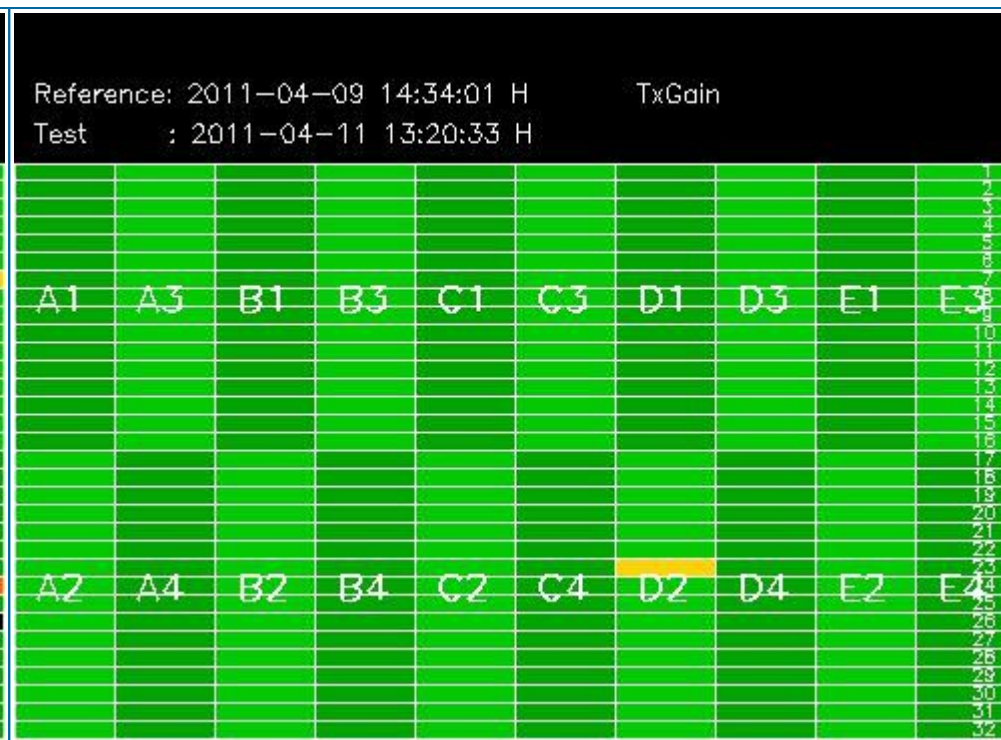
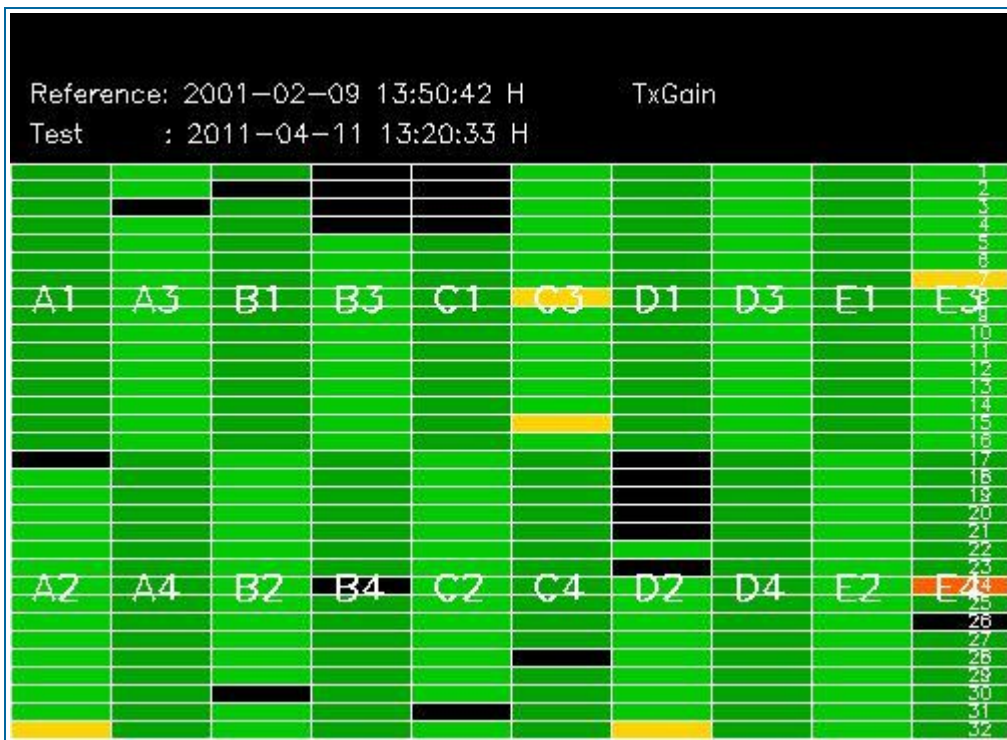


Reference: 2001-02-09 13:50:42 H RxPhase  
 Test : 2011-04-11 13:20:33 H



Reference: 2011-04-09 14:34:01 H RxPhase  
 Test : 2011-04-11 13:20:33 H





## 4 - CALIBRATION PULSES ANALYSIS

### 4.1 - Analysis for WVS IS2 V/V

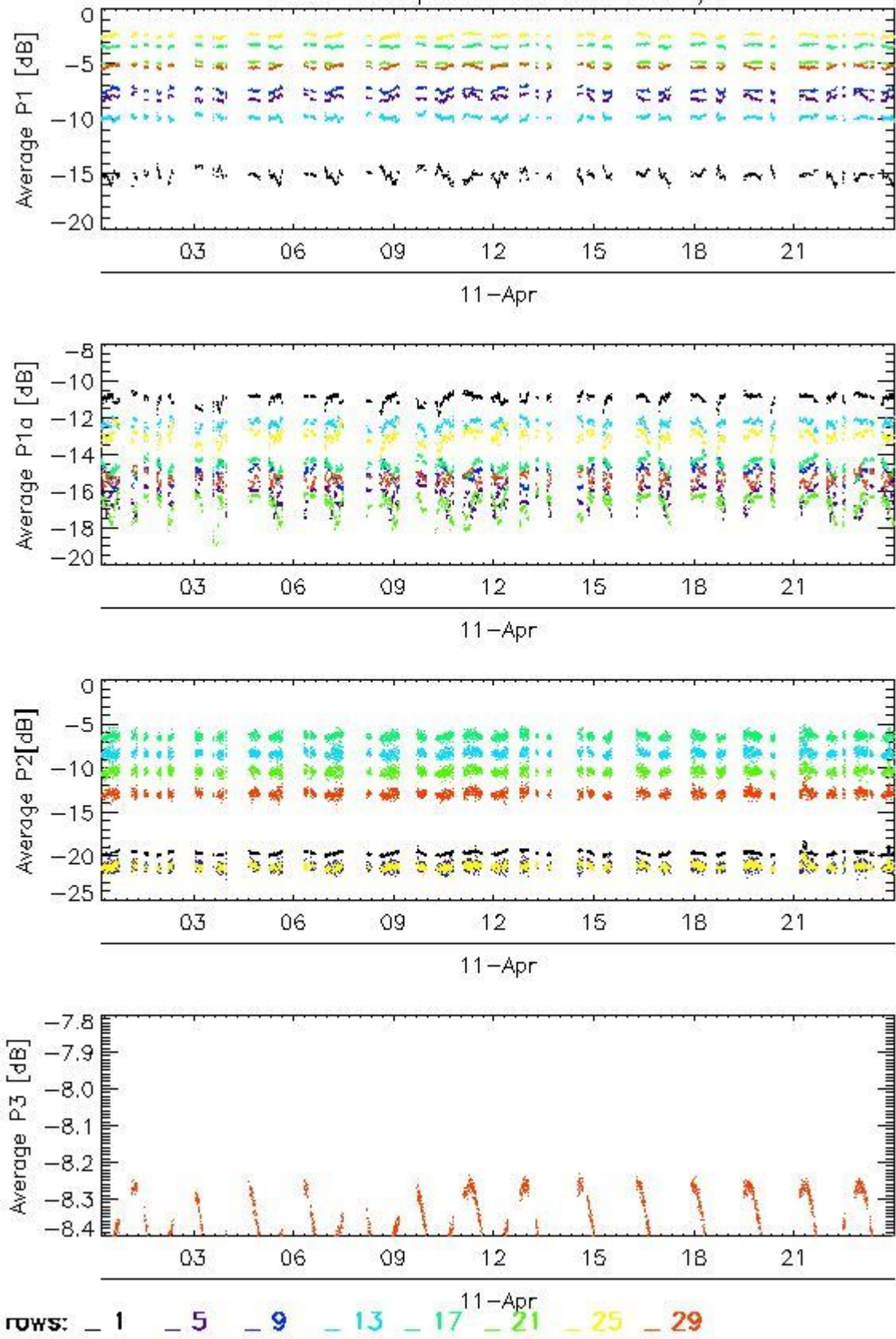
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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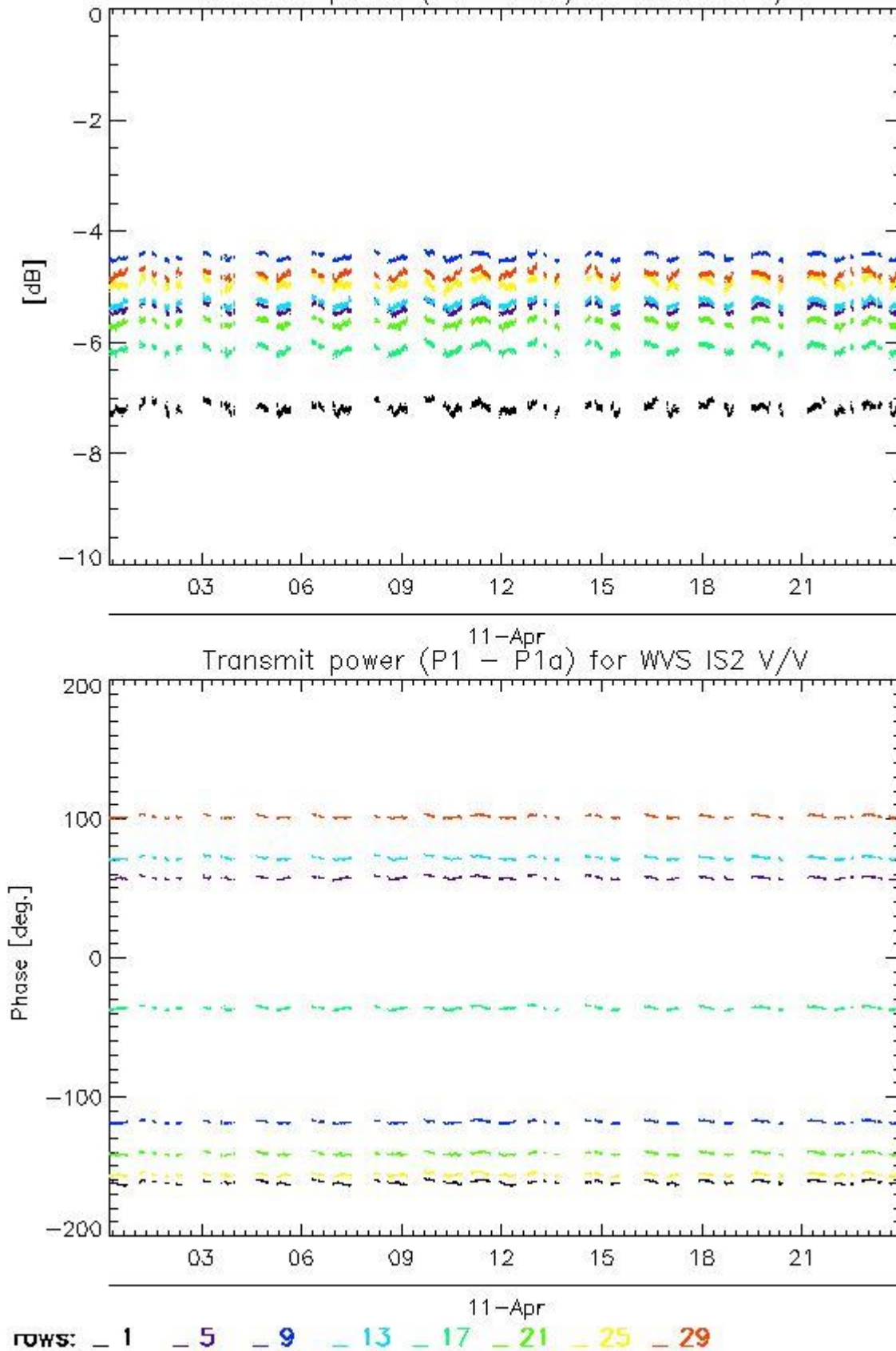
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

Calibration pulses for WVS IS2 V/V



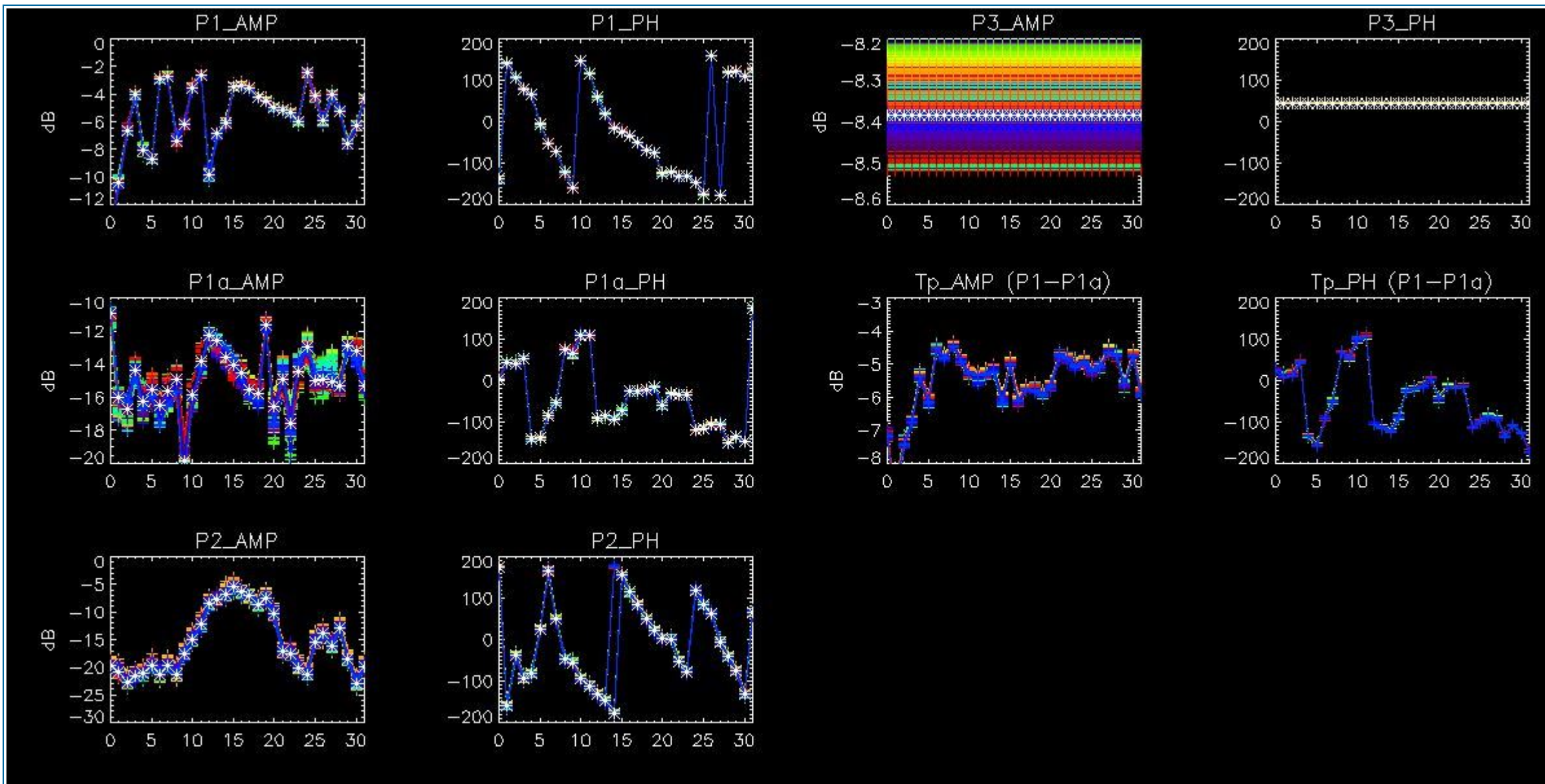
Transmit power (P1 - P1a) for WVS IS2 V/V



#### 4.1.2 - All Rows Analysis for WVS IS2 V/V

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## 4.2 - Analysis for GM1 SS3 H/H

### 4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

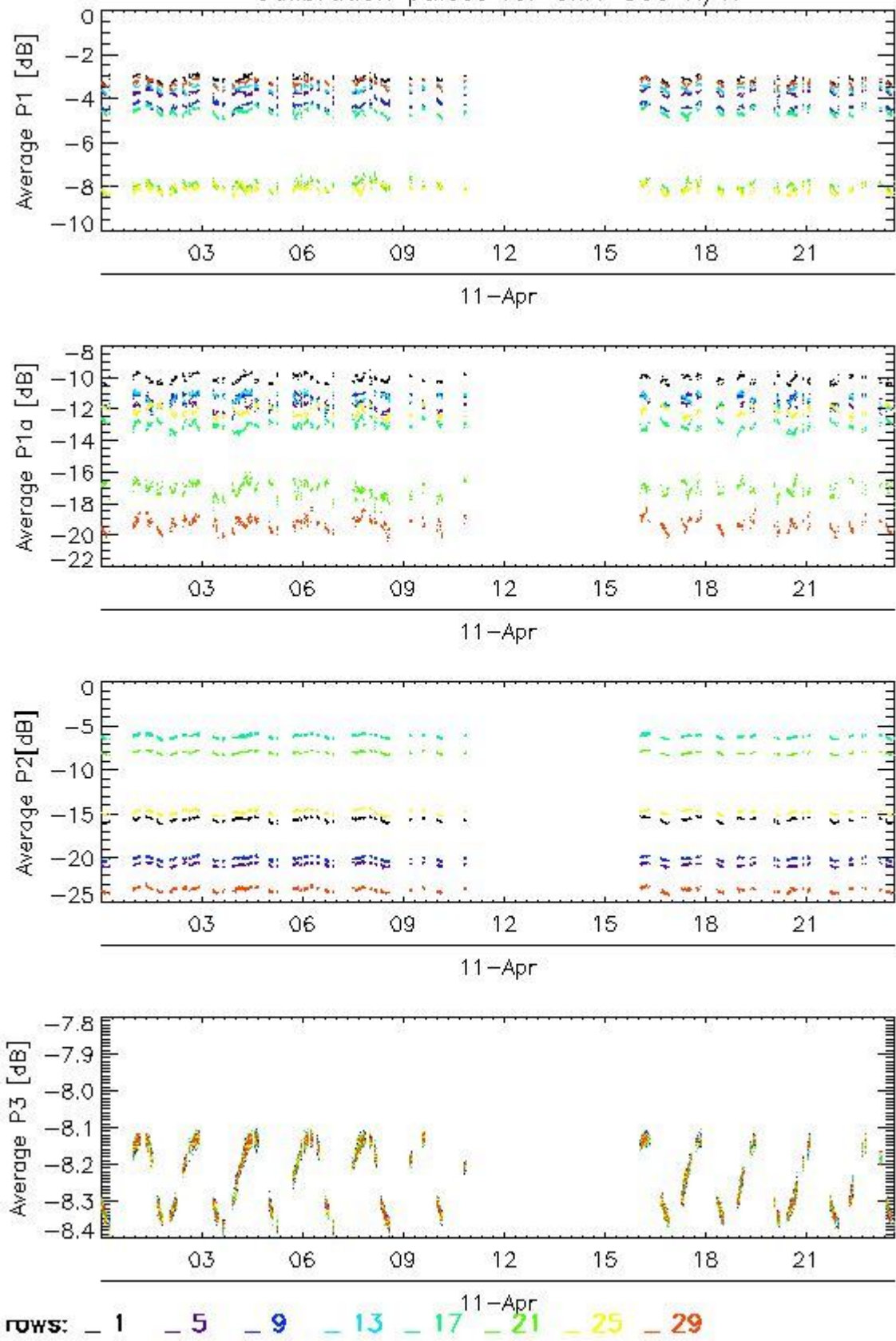
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Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

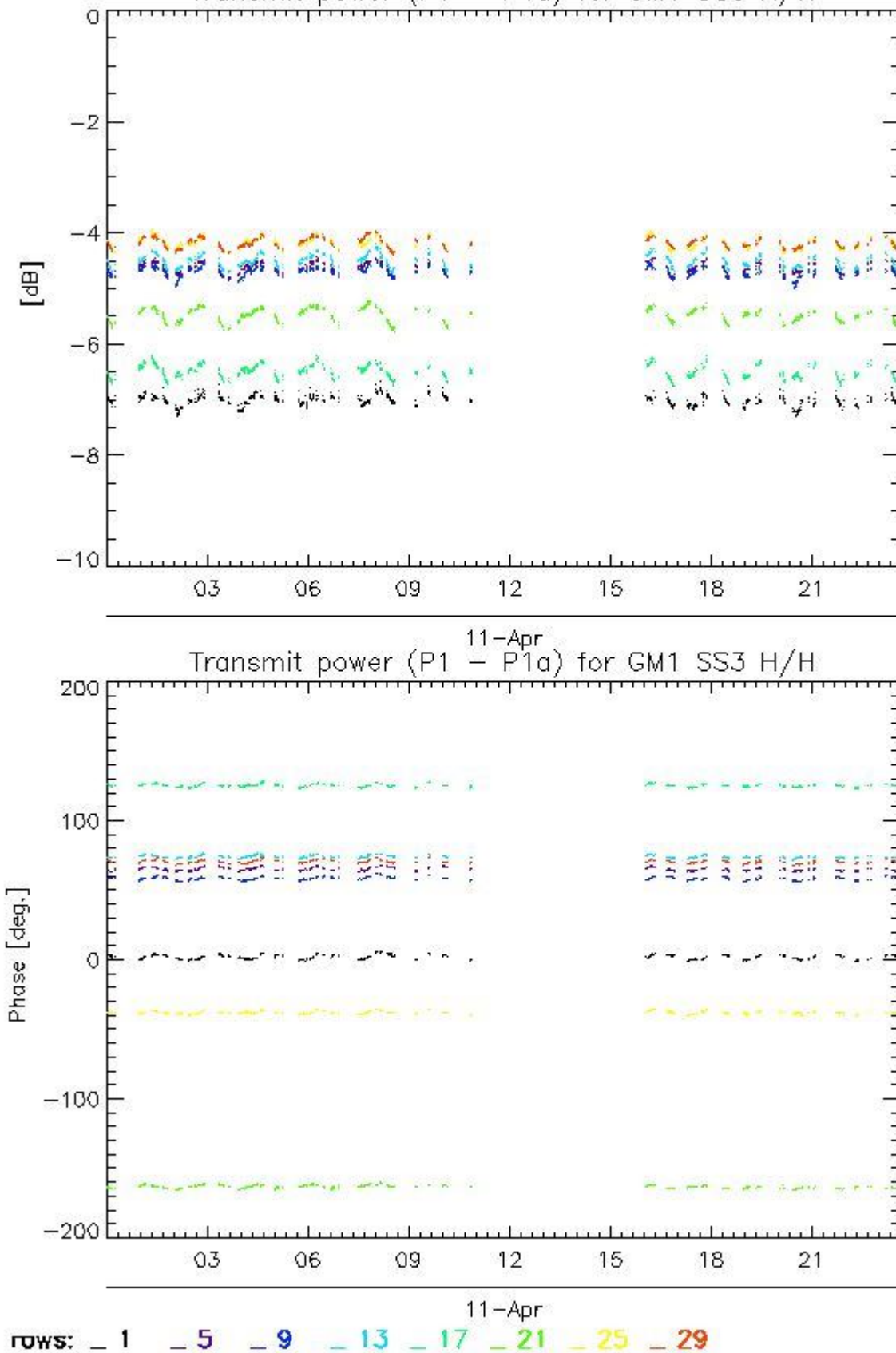
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



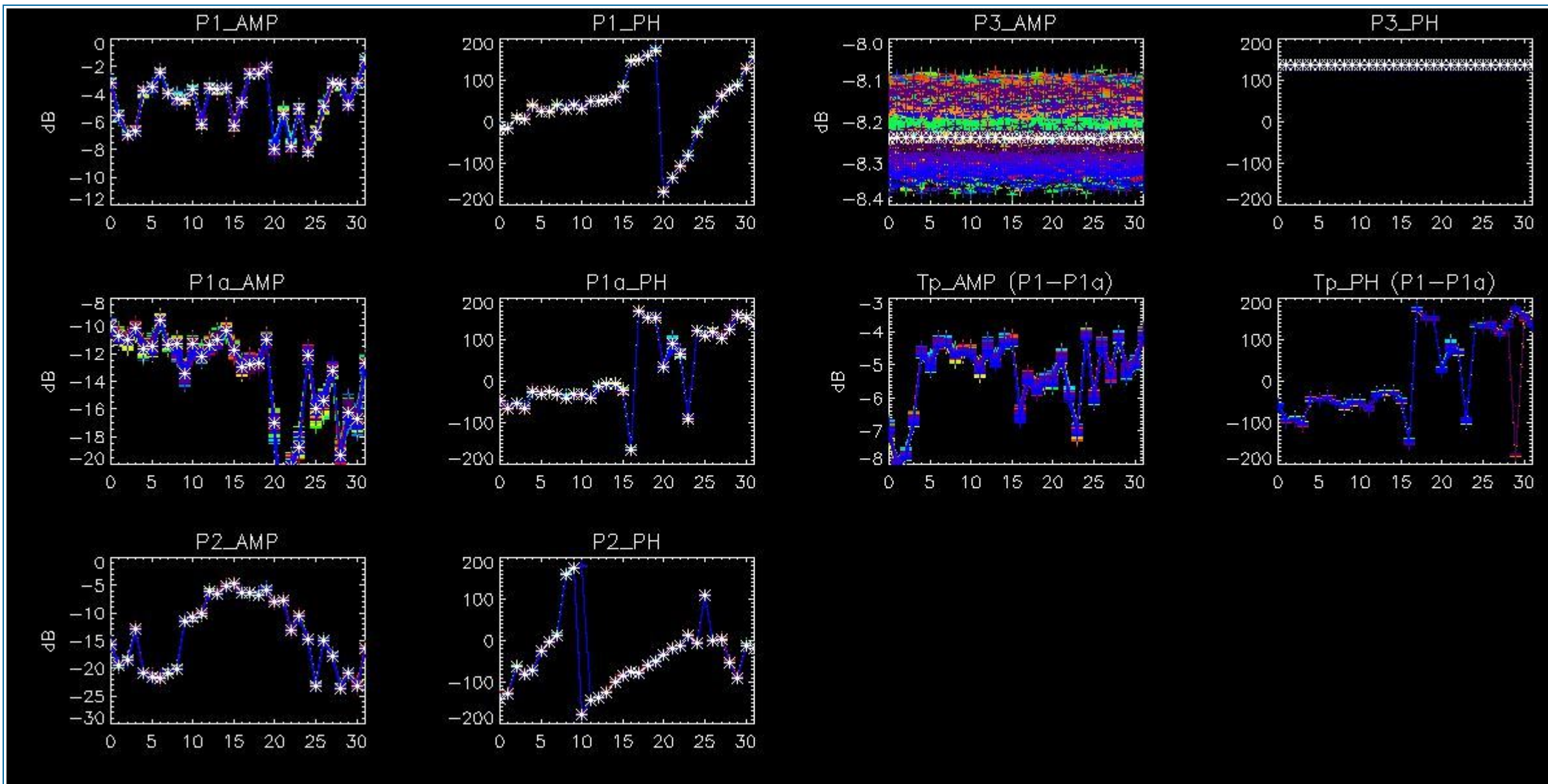
Transmit power (P1 - P1a) for GM1 SS3 H/H



#### 4.2.2 - All Rows Analysis for GM1 SS3 H/H

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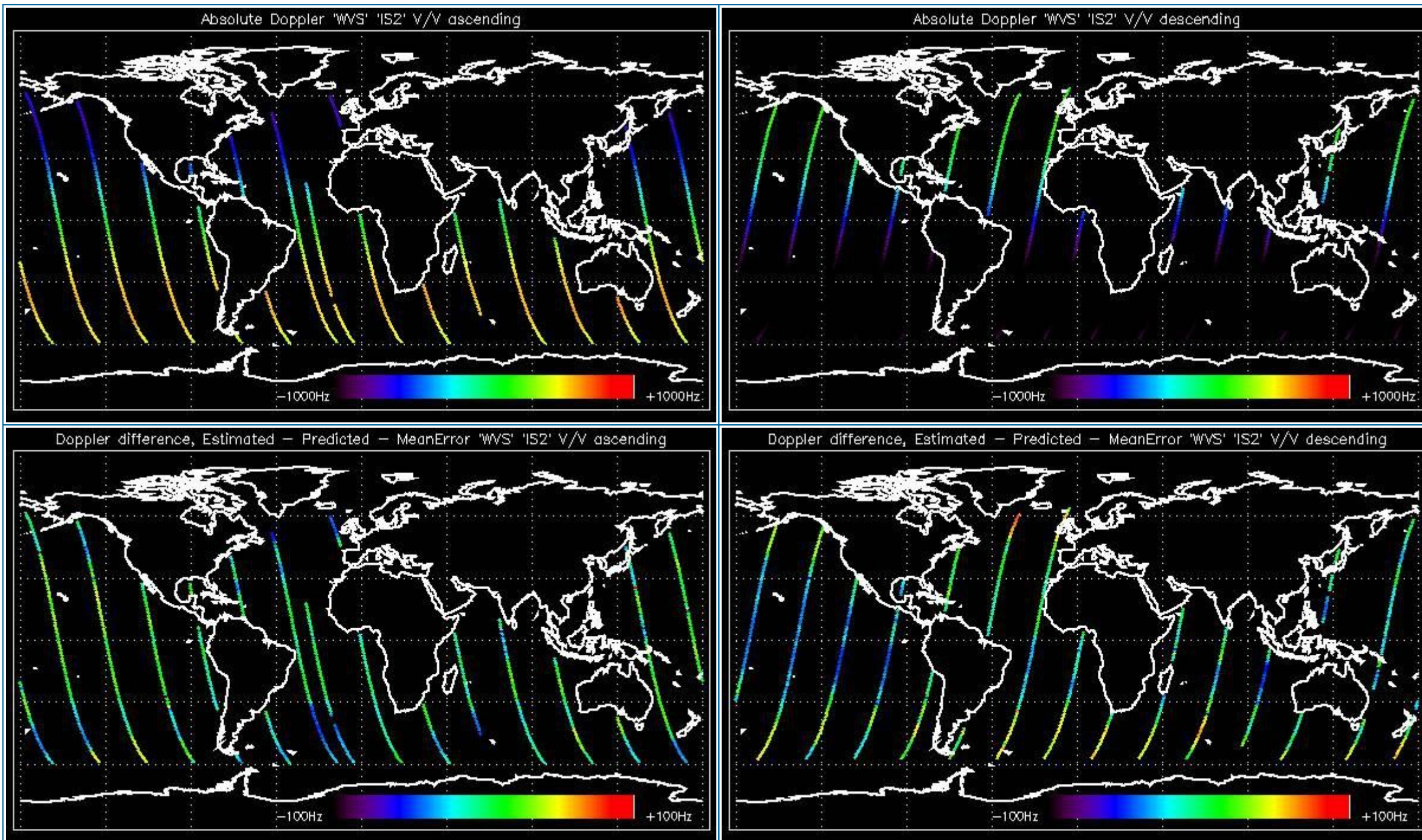
## 5 - DOPPLER ANALYSIS

### 5.1 - Analysis for WVS IS2 V/V

#### 5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

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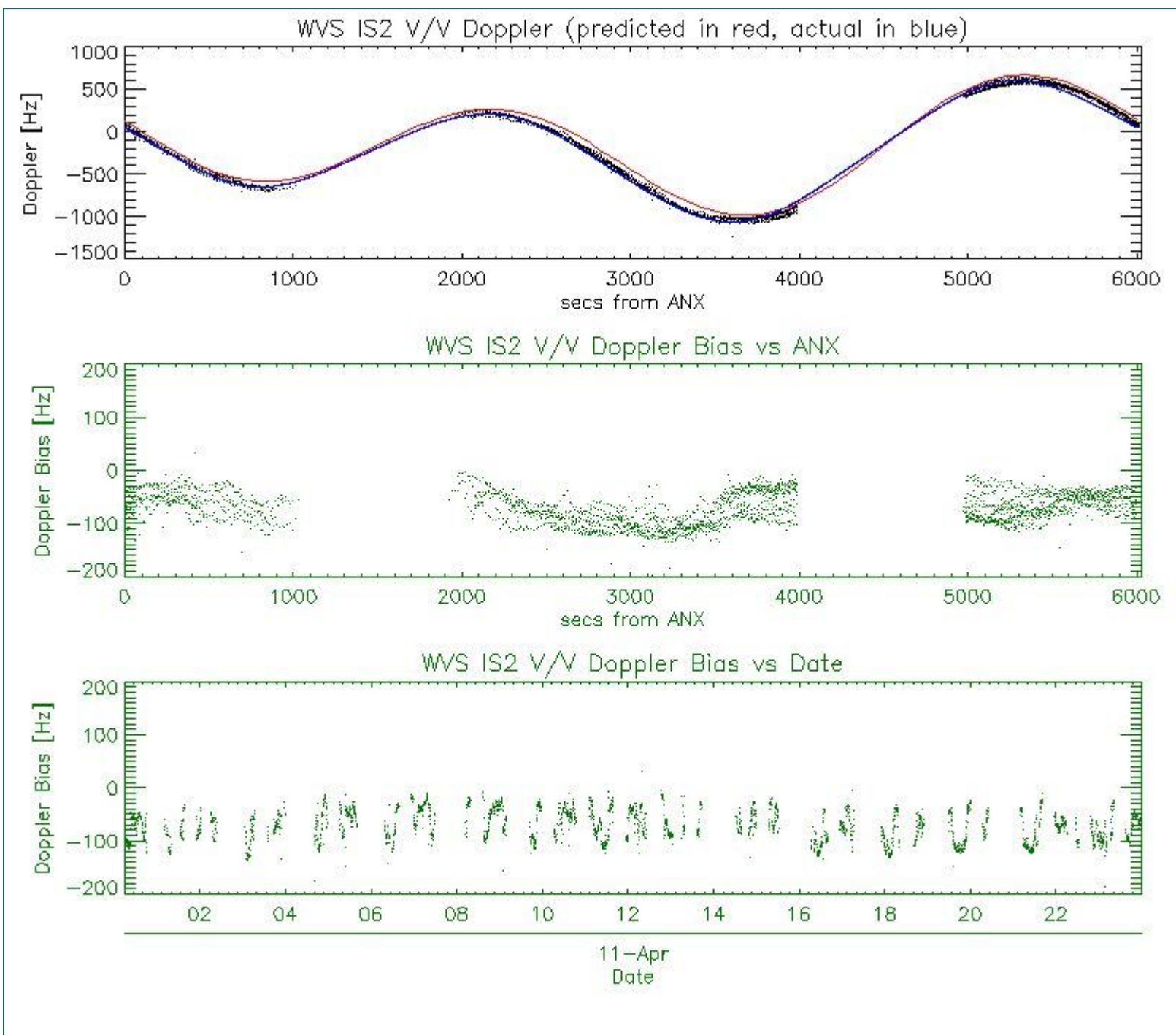




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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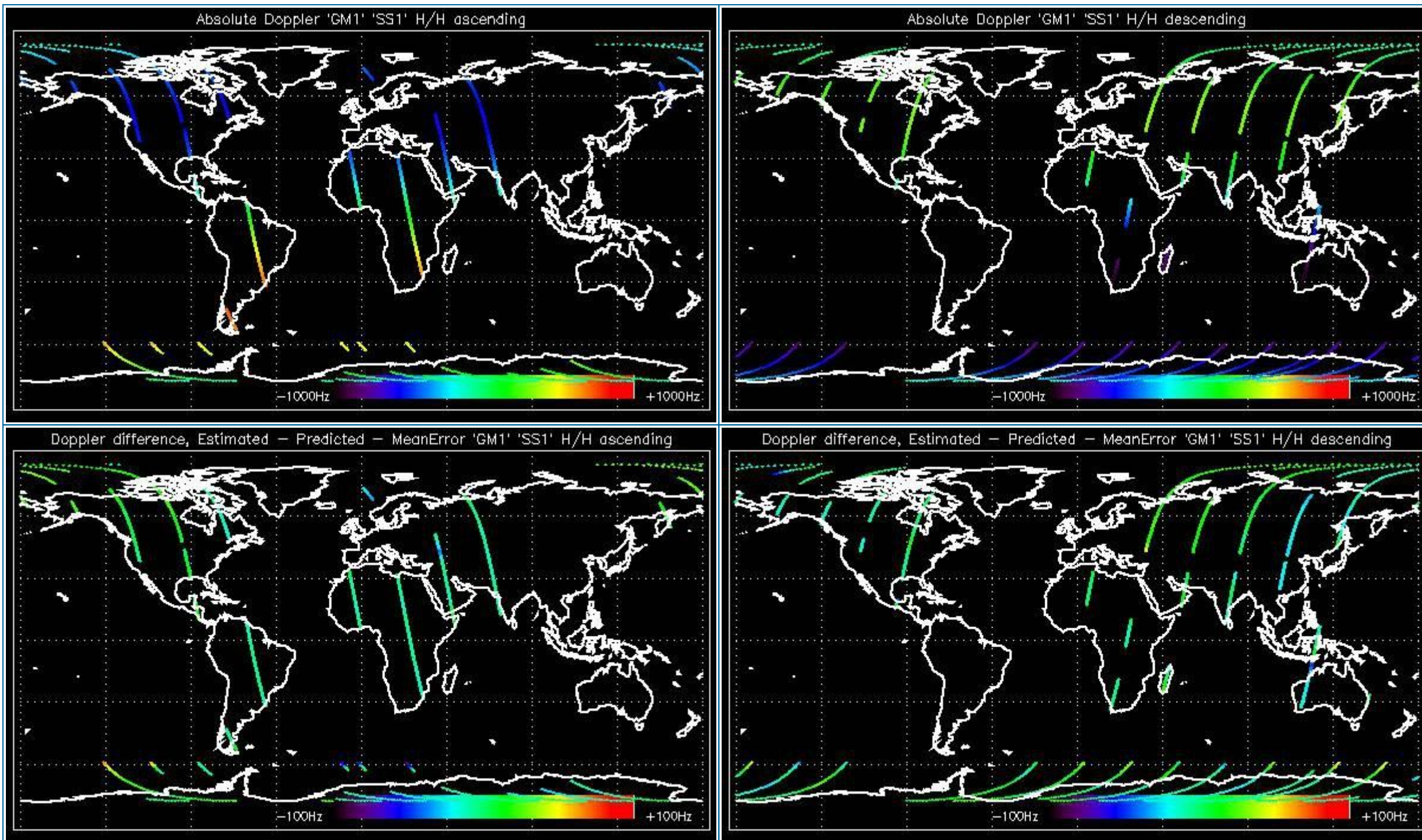


## 5.2 - Analysis for GM1 SS1 H/H

### 5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

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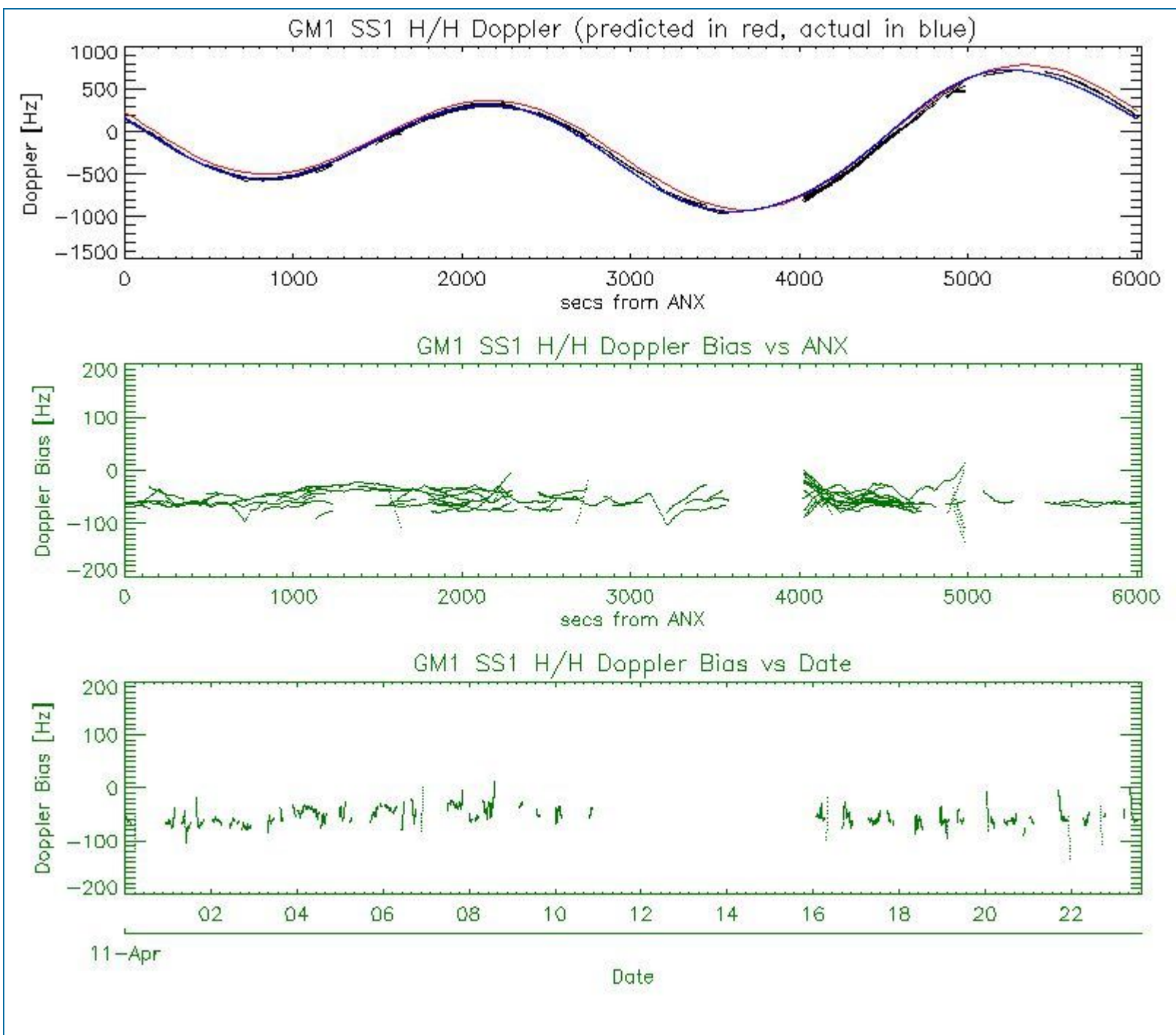




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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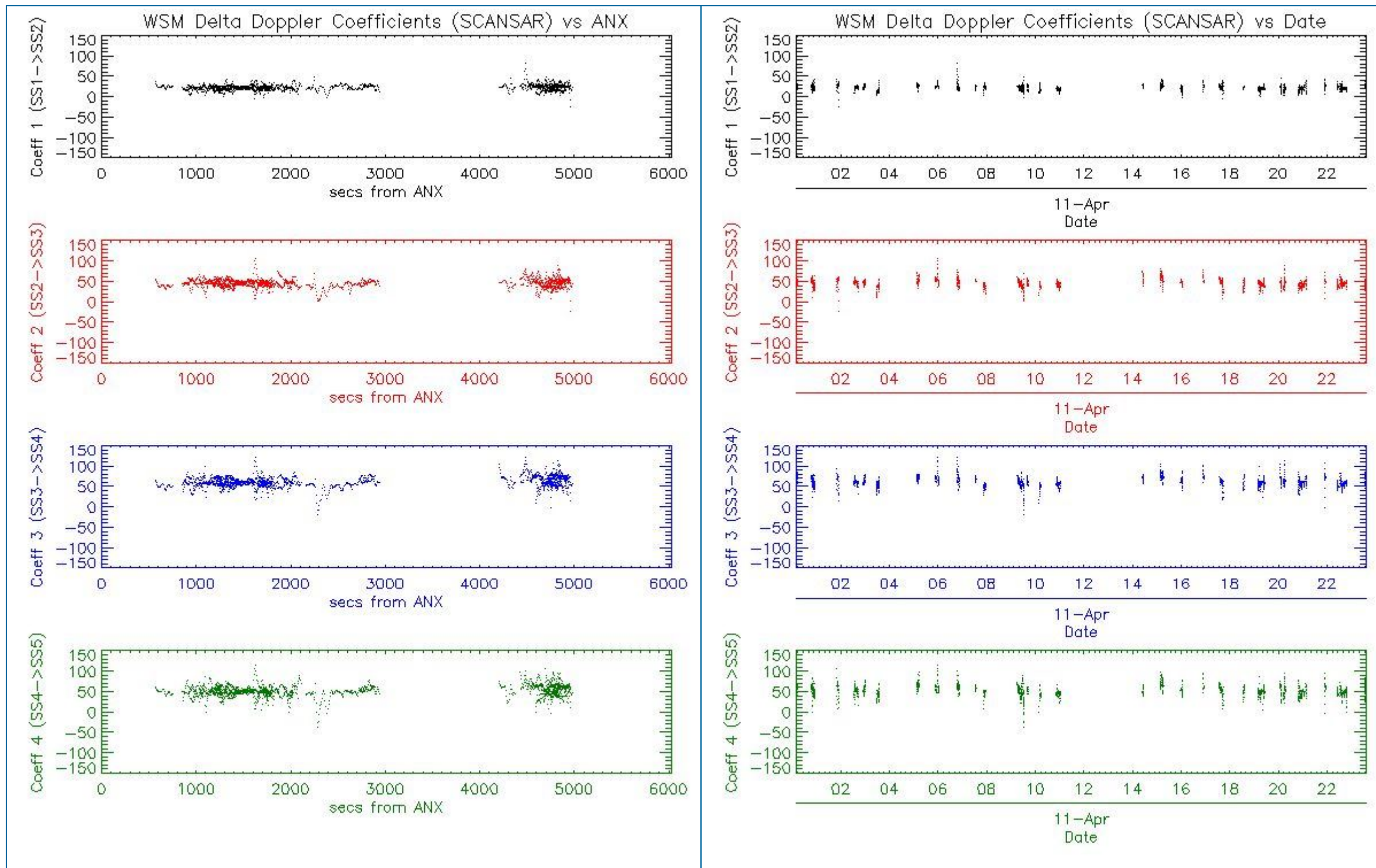




### 5.3 - Doppler JUMPS Analysis for WSM

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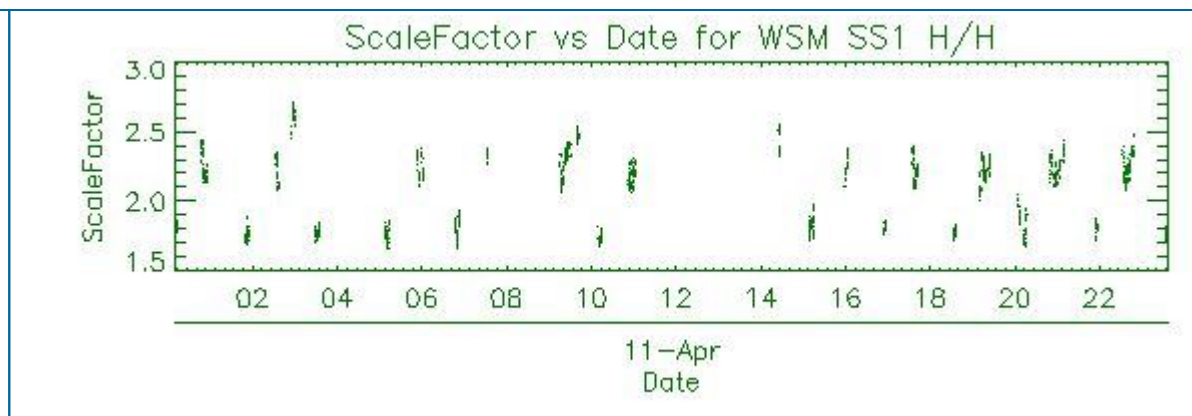
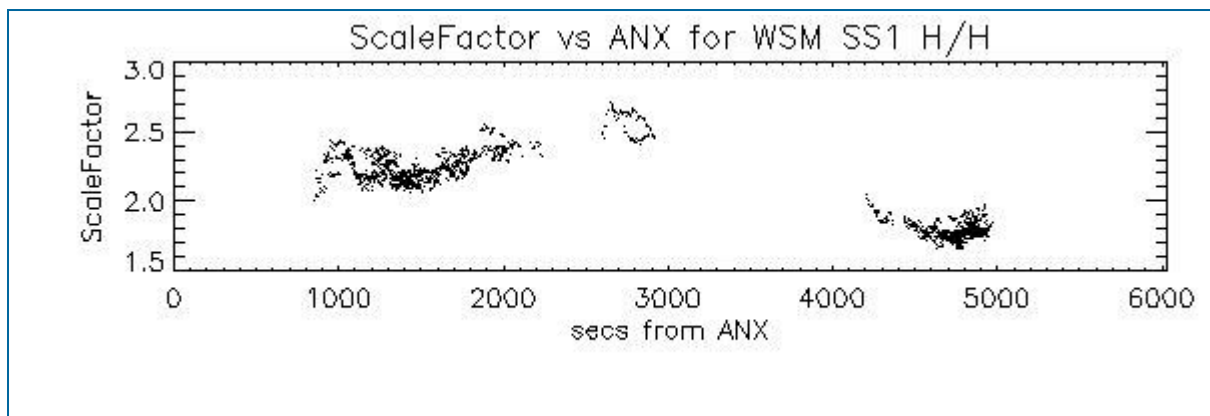
## 6 - CHIRP ANALYSIS

### 6.1 - Analysis for WSM SS1 H/H

#### 6.1.1 - ScaleFactor

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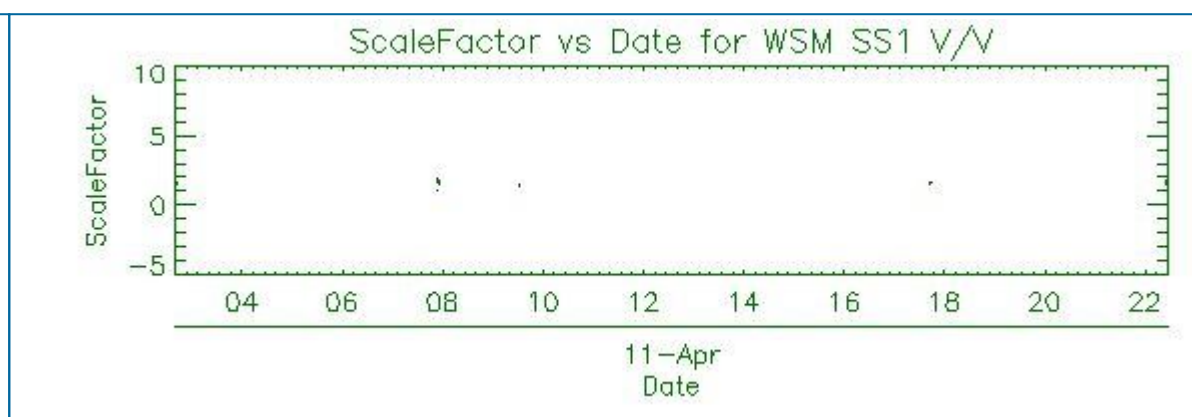
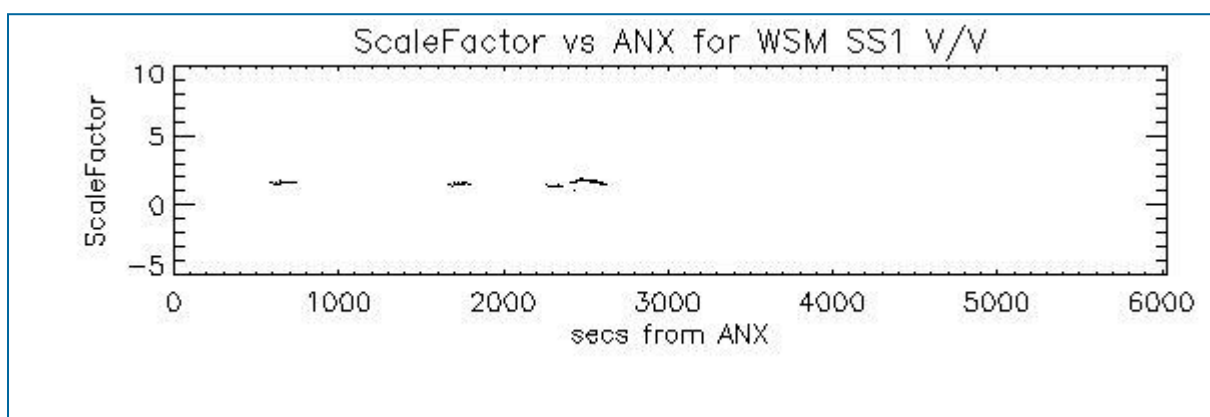




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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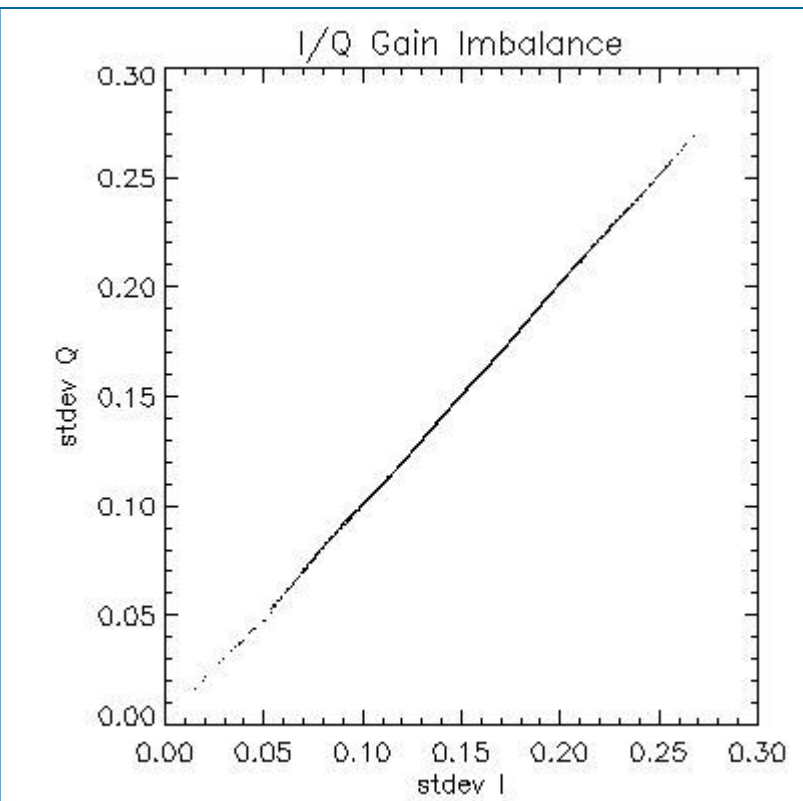
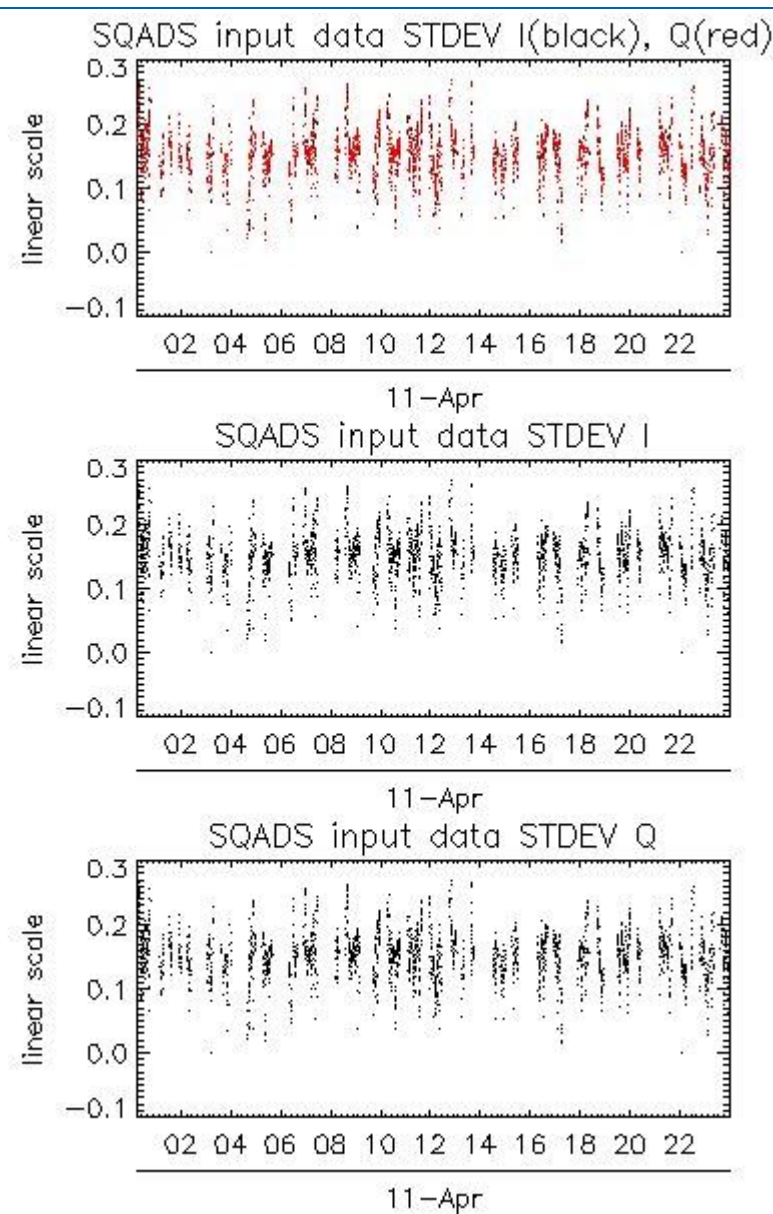
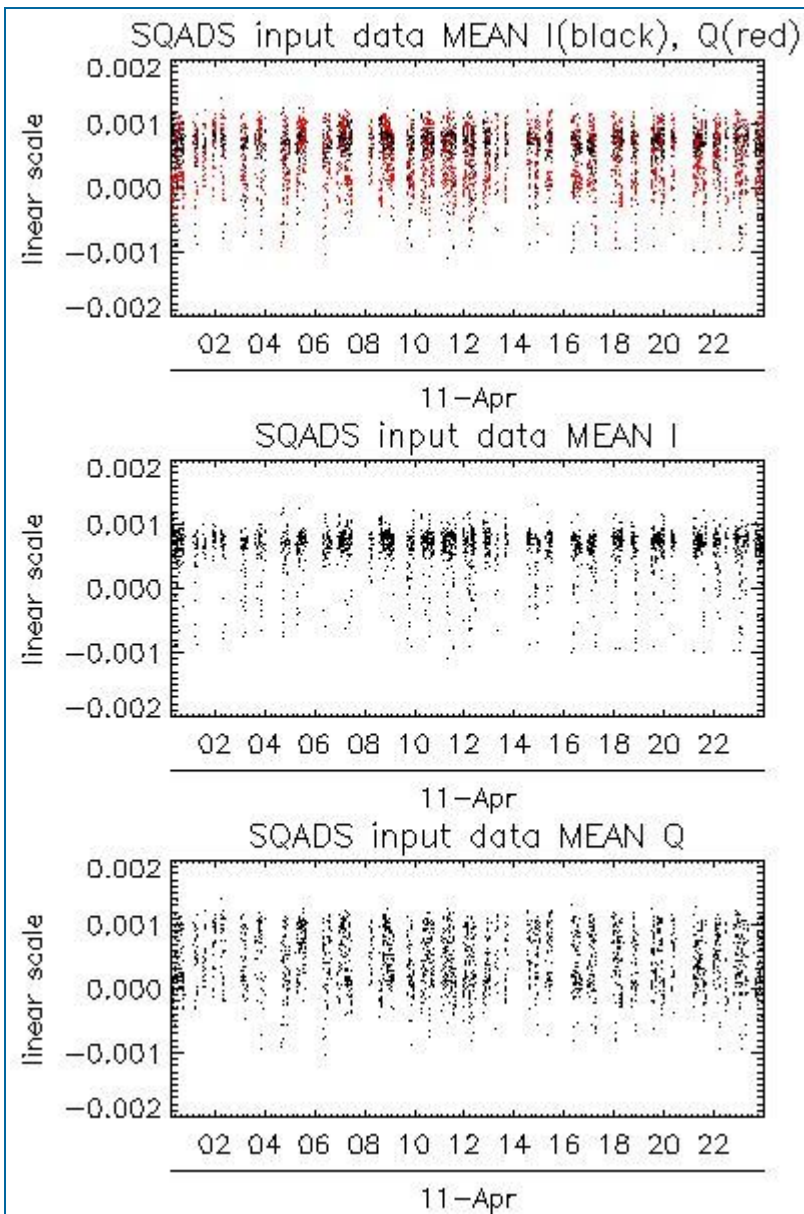
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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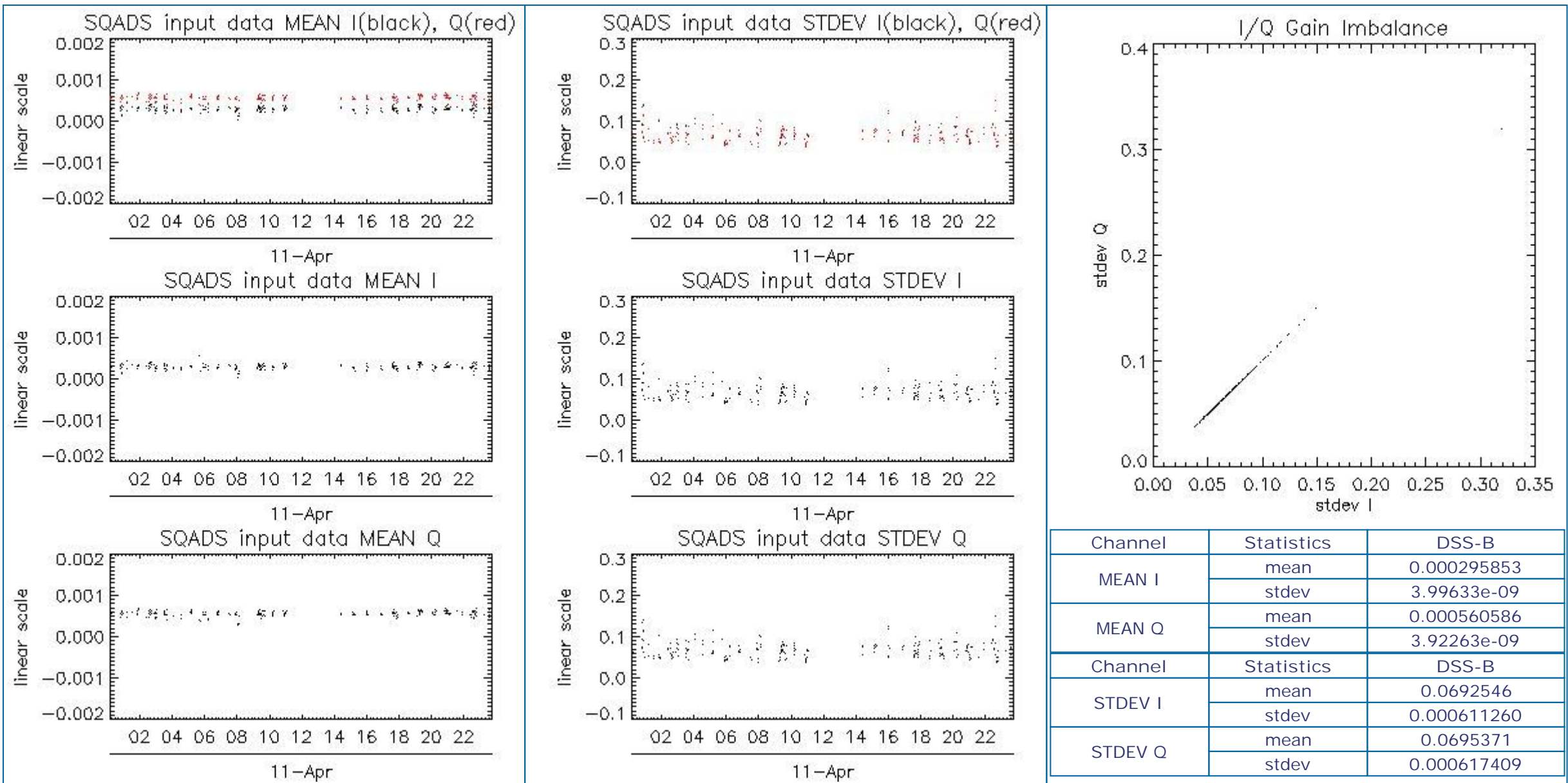


Channel	Statistics	DSS-B
MEAN I	mean	0.000618958
	stdev	1.24209e-07
MEAN Q	mean	0.000452088
	stdev	2.02808e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.152004
	stdev	0.00143141
STDEV Q	mean	0.152582
	stdev	0.00145914

7.2 - Analysis for IMM

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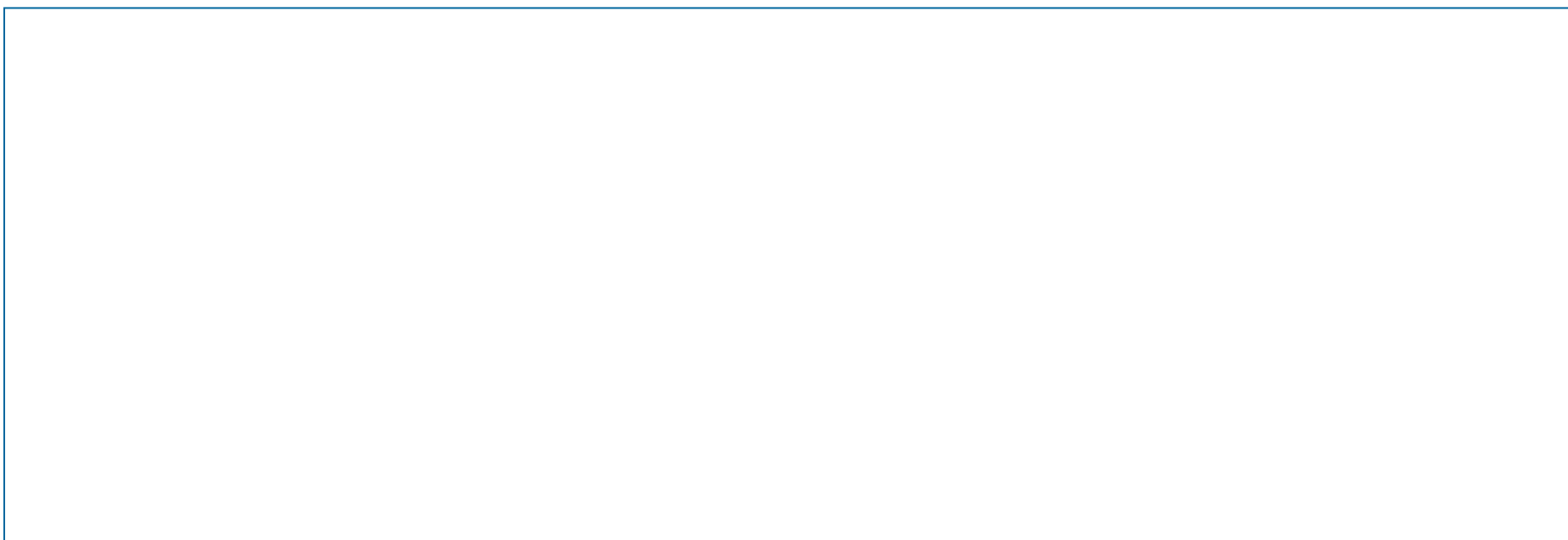


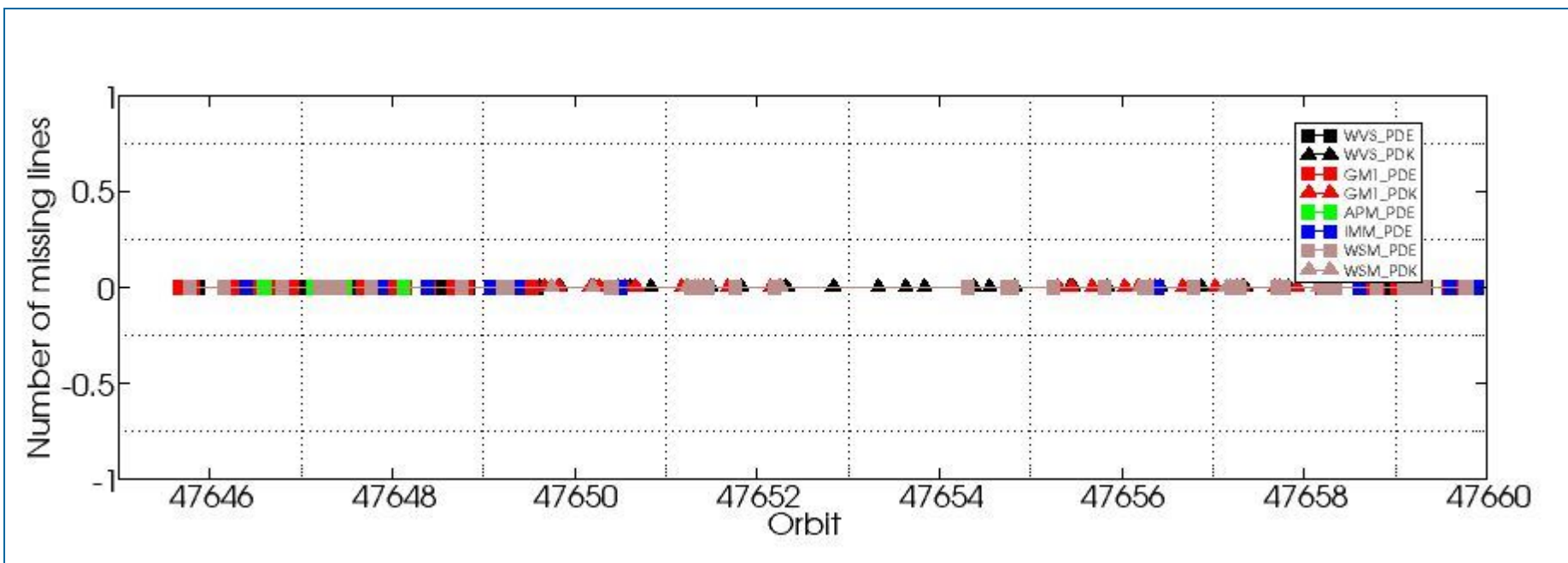


## 8 - TELEMETRY ANALYSIS

### 8.1 - Number of Missing lines

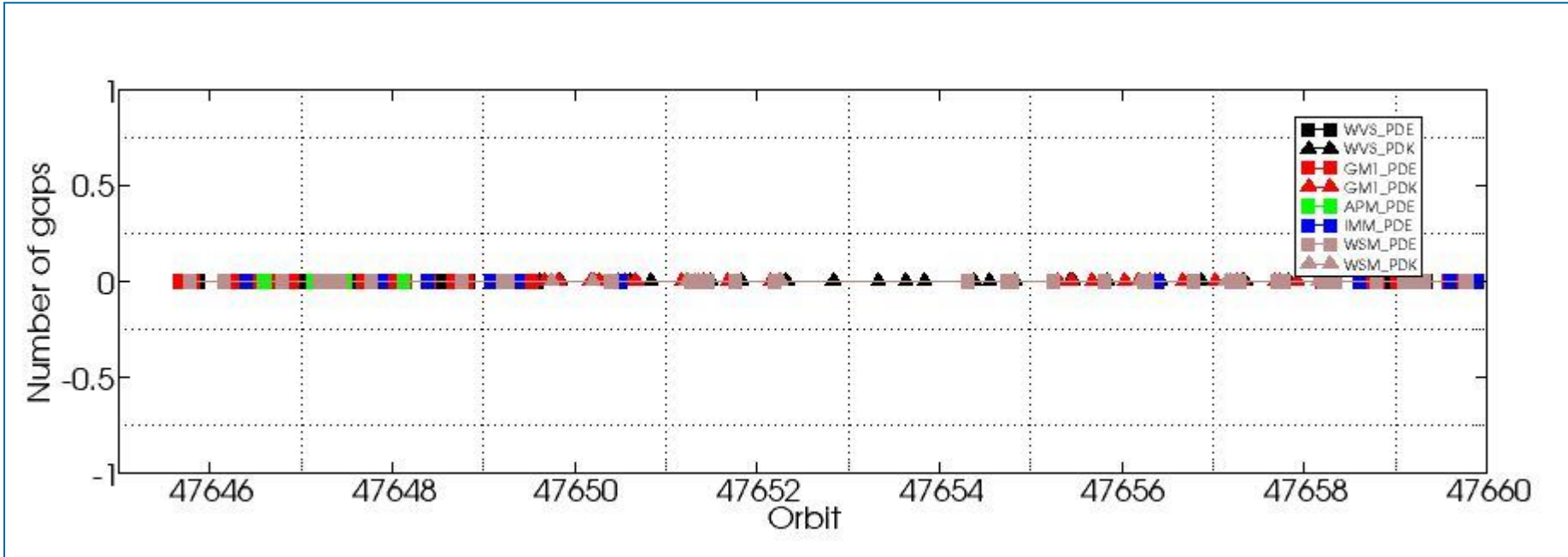
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## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 110411  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2011-04-11 00:00:00

Analysis will be performed from 2011-04-11 00:00:00 to 2011-04-11 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110411/

DATA SUMMARY  
#####  
Summary will be performed from 2011-04-11 00:00:00 to 2011-04-11 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110411/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_110411/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_110411/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2011-04-11 00:00:00 to 2011-04-11 23:59:59...  
Writing file ./RESULTS/DAILY/\_110411/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110411/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2011-04-11 00:00:00 to 2011-04-11 23:59:59...  
Writing file ./RESULTS/DAILY/\_110411/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110411/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2011-04-11 00:00:00 to 2011-04-11 23:59:59...  
Writing file ./RESULTS/DAILY/\_110411/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110411/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2011-04-11 00:00:00 to 2011-04-11 23:59:59...  
Writing file ./RESULTS/DAILY/\_110411/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110411/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2011-04-11 00:00:00 to 2011-04-11 23:59:59...  
Writing file ./RESULTS/DAILY/\_110411/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110411/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2011-04-11 00:00:00 to 2011-04-11 23:59:59...  
Writing file ./RESULTS/DAILY/\_110411/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110411/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2011-04-11 00:00:00 to 2011-04-11 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110411/AUXILIARY

Creating directory ./RESULTS/DAILY/\_110411/AUXILIARY...

\*\*\*\*\*  
Looking for the IECF operational ADFs list...



ADF filter 20110411\*current\_3\_IECF\_ADFs.txt  
No IECF ADFs list available for the selected period...

Writing file ./RESULTS/DAILY/\_110411/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...

AUXILIARY FILES ANALYSIS completed  
#####

MODULE STEPPING ANALYSIS  
#####  
Analysis will be performed from 2011-04-11 00:00:00 to 2011-04-11 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110411/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_110411/MODULE\_STEPPING...  
Creating directory ./RESULTS/DAILY/\_110411/MODULE\_STEPPING/FIRST\_REFERENCE...  
Creating directory ./RESULTS/DAILY/\_110411/MODULE\_STEPPING/SECOND\_REFERENCE...  
Creating directory ./RESULTS/DAILY/\_110411/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...  
Deleting old files...

\*\*\*\*\*  
\*\*\*\*\*  
Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/\_110411/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20010209\_135042\_0000009A024\_00180\_11700\_0052.N1  
Test product: ASA\_MS\_\_0PNPDK20110411\_132033\_000000163101\_00225\_47653\_0527.N1  
H  
H

../../RESULTS/DAILY/\_110411/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20110411\_132033-20010209\_135042.png  
../../RESULTS/DAILY/\_110411/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20110411\_132033-20010209\_135042.png  
../../RESULTS/DAILY/\_110411/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20110411\_132033-20010209\_135042.png  
../../RESULTS/DAILY/\_110411/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20110411\_132033-20010209\_135042.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20010209\_140823\_0000009A024\_00180\_11700\_0054.N1  
Test product: ASA\_MS\_\_0PNPDK20110411\_150047\_000000163101\_00226\_47654\_0528.N1  
V  
V

../../RESULTS/DAILY/\_110411/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20110411\_150047-20010209\_140823.png  
../../RESULTS/DAILY/\_110411/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20110411\_150047-20010209\_140823.png  
../../RESULTS/DAILY/\_110411/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20110411\_150047-20010209\_140823.png  
../../RESULTS/DAILY/\_110411/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20110411\_150047-20010209\_140823.png

\*\*\*\*\*  
\*\*\*\*\*  
Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_110411/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20110409\_143401\_000000163101\_00197\_47625\_0523.N1  
Test product: ASA\_MS\_\_0PNPDK20110411\_132033\_000000163101\_00225\_47653\_0527.N1  
H  
H

../../RESULTS/DAILY/\_110411/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20110411\_132033-20110409\_143401.png  
../../RESULTS/DAILY/\_110411/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20110411\_132033-20110409\_143401.png  
../../RESULTS/DAILY/\_110411/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20110411\_132033-20110409\_143401.png  
../../RESULTS/DAILY/\_110411/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20110411\_132033-20110409\_143401.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20110410\_153731\_000000163101\_00212\_47640\_0526.N1  
Test product: ASA\_MS\_\_0PNPDK20110411\_150047\_000000163101\_00226\_47654\_0528.N1

V  
V

../../RESULTS/DAILY/\_110411/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20110411\_150047-20110410\_153731.png  
../../RESULTS/DAILY/\_110411/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20110411\_150047-20110410\_153731.png  
../../RESULTS/DAILY/\_110411/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20110411\_150047-20110410\_153731.png  
../../RESULTS/DAILY/\_110411/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20110411\_150047-20110410\_153731.png

MODULE\_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_110411/CALIBRATION\_PULSES...

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ALL ROWS Analysis will be performed from 2011-04-11 00:00:00 to 2011-04-11 23:59:59

Analysing products WVS IS2 V/V

Writing image ../../RESULTS/DAILY/\_110411//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...

Analysing products GM1 SS3 H/H

Writing image ../../RESULTS/DAILY/\_110411//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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TEMPORAL EVOLUTION Analysis will be performed from 2011-04-11 00:00:00 to 2011-04-11 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2011-04-11 00:00:00 to 2011-04-11 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_110411/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-04-11\_1.dat...

Writing ../../RESULTS/DAILY/\_110411//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...

Writing ../../RESULTS/DAILY/\_110411//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-04-11 00:00:00 to 2011-04-11 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_110411/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-04-11\_2.dat...

Writing ../../RESULTS/DAILY/\_110411//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...

Writing ../../RESULTS/DAILY/\_110411//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-04-11 00:00:00 to 2011-04-11 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/\_110411/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-04-11\_3.dat...

Writing ../../RESULTS/DAILY/\_110411//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...

Writing ../../RESULTS/DAILY/\_110411//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-04-11 00:00:00 to 2011-04-11 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/\_110411/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-04-11\_4.dat...

Writing ../../RESULTS/DAILY/\_110411//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...

Writing ../../RESULTS/DAILY/\_110411//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_4.png...

Analysing products GM1 SS3 H/H

Getting calibration pulses data for GM1 SS3 H/H from 2011-04-11 00:00:00 to 2011-04-11 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_110411/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-04-11\_1.dat...

Writing ../../RESULTS/DAILY/\_110411//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...

Writing ../../RESULTS/DAILY/\_110411//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-04-11 00:00:00 to 2011-04-11 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_110411/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-04-11\_2.dat...

Writing ../../RESULTS/DAILY/\_110411//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...

Writing ../../RESULTS/DAILY/\_110411//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-04-11 00:00:00 to 2011-04-11 23:59:59. Rows: 3/7/11/15/19/23/27/31  
Writing file ./RESULTS/DAILY/\_110411/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-04-11\_3.dat...  
Writing ../../RESULTS/DAILY/\_110411//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
Writing ../../RESULTS/DAILY/\_110411//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-04-11 00:00:00 to 2011-04-11 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_110411/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-04-11\_4.dat...  
Writing ../../RESULTS/DAILY/\_110411//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
Writing ../../RESULTS/DAILY/\_110411//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
#####

DOPPLER ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_110411/DOPPLER...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER ANX Analysis will be performed from 2011-04-11 00:00:00 to 2011-04-11 23:59:59

Analysing products WVS IS2 V/V  
Getting doppler data for WVS IS2 V/V from 2011-04-11 00:00:00 to 2011-04-11 23:59:59...  
Writing file ./RESULTS/DAILY/\_110411/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2011-04-11.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110411/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
Getting doppler data for GM1 SS1 H/H from 2011-04-11 00:00:00 to 2011-04-11 23:59:59...  
Writing file ./RESULTS/DAILY/\_110411/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2011-04-11.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110411/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER JUMPS Analysis will be performed on WSM products from 2011-04-11 00:00:00 to 2011-04-11 23:59:59

Analysing by default products WSM  
Getting doppler jumps data for WSM from 2011-04-11 00:00:00 to 2011-04-11 23:59:59...  
Writing file ./RESULTS/DAILY/\_110411/DOPPLER/Doppler\_Jumps\_data\_WSM\_2011-04-11.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110411/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
Writing file ../../RESULTS/DAILY/\_110411/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER MAP Analysis will be performed from 2011-04-11 00:00:00 to 2011-04-11 23:59:59

Analysing products WVS IS2 V/V  
Loading predicted doppler values....  
Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -79.465344 Hz  
Writing file ../../RESULTS/DAILY/\_110411//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_110411//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

```
*****
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -62.785174 Hz
Writing file ../../RESULTS/DAILY/_110411//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/_110411//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...
*****
```

```
Analysing products GM1 SS1 H/H
Loading predicted doppler values....
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -53.511962 Hz
Writing file ../../RESULTS/DAILY/_110411//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/_110411//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
*****
```

```
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -55.103619 Hz
Writing file ../../RESULTS/DAILY/_110411//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_110411//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
*****
```

```
DOPPLER ANALYSIS completed
#####
```

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_110411/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2011-04-11 00:00:00 to 2011-04-11 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2011-04-11 00:00:00 to 2011-04-11 23:59:59...
Writing file ./RESULTS/DAILY/_110411/CHIRP/ScaleFactor_data_WSM_SS1_HH_2011-04-11.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_110411/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_110411/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2011-04-11 00:00:00 to 2011-04-11 23:59:59...
Writing file ./RESULTS/DAILY/_110411/CHIRP/ScaleFactor_data_WSM_SS1_VV_2011-04-11.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_110411/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_110411/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

```
CHIRP ANALYSIS completed
#####
```



RAW DATA ANALYSIS

#####

Analysis will be performed from 2011-04-11 00:00:00 to 2011-04-11 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110411/RAW\_DATA

Creating directory ./RESULTS/DAILY/\_110411/RAW\_DATA...

\*\*\*\*\*

Getting raw data for WVS from 2011-04-11 00:00:00 to 2011-04-11 23:59:59...  
Writing file ./RESULTS/DAILY/\_110411/RAW\_DATA/Raw\_data\_WVS\_2011-04-11.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_110411/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_110411/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_110411/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*

Getting raw data for IMM from 2011-04-11 00:00:00 to 2011-04-11 23:59:59...  
Writing file ./RESULTS/DAILY/\_110411/RAW\_DATA/Raw\_data\_IMM\_2011-04-11.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_110411/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_110411/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_110411/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2011-04-11 00:00:00 to 2011-04-11 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110411/TELEMETRY

Creating directory ./RESULTS/DAILY/\_110411/TELEMETRY...

Looking for gaps and missing lines in WVS products...  
\*\*\*\*\*

Checking 29 products from PDE...  
Checking 21 products from PDK...

Looking for gaps and missing lines in GM1 products...  
\*\*\*\*\*

Checking 35 products from PDE...  
Checking 27 products from PDK...

Looking for gaps and missing lines in APM products...  
\*\*\*\*\*

Checking 7 products from PDE...  
No products from PDK...

Looking for gaps and missing lines in IMM products...  
\*\*\*\*\*

Checking 14 products from PDE...  
No products from PDK...

Looking for gaps and missing lines in WSM products...  
\*\*\*\*\*

Checking 38 products from PDE...  
Checking 15 products from PDK...

Creating graph of missing lines and gaps...

```
*****  
Creating image: ./RESULTS/DAILY/_110411/TELEMETRY/TELEMETRY_Missing_lines.png...  
Creating image: ./RESULTS/DAILY/_110411/TELEMETRY/TELEMETRY_Gaps.png...
```

```
TELEMETRY ANALYSIS completed  
#####
```

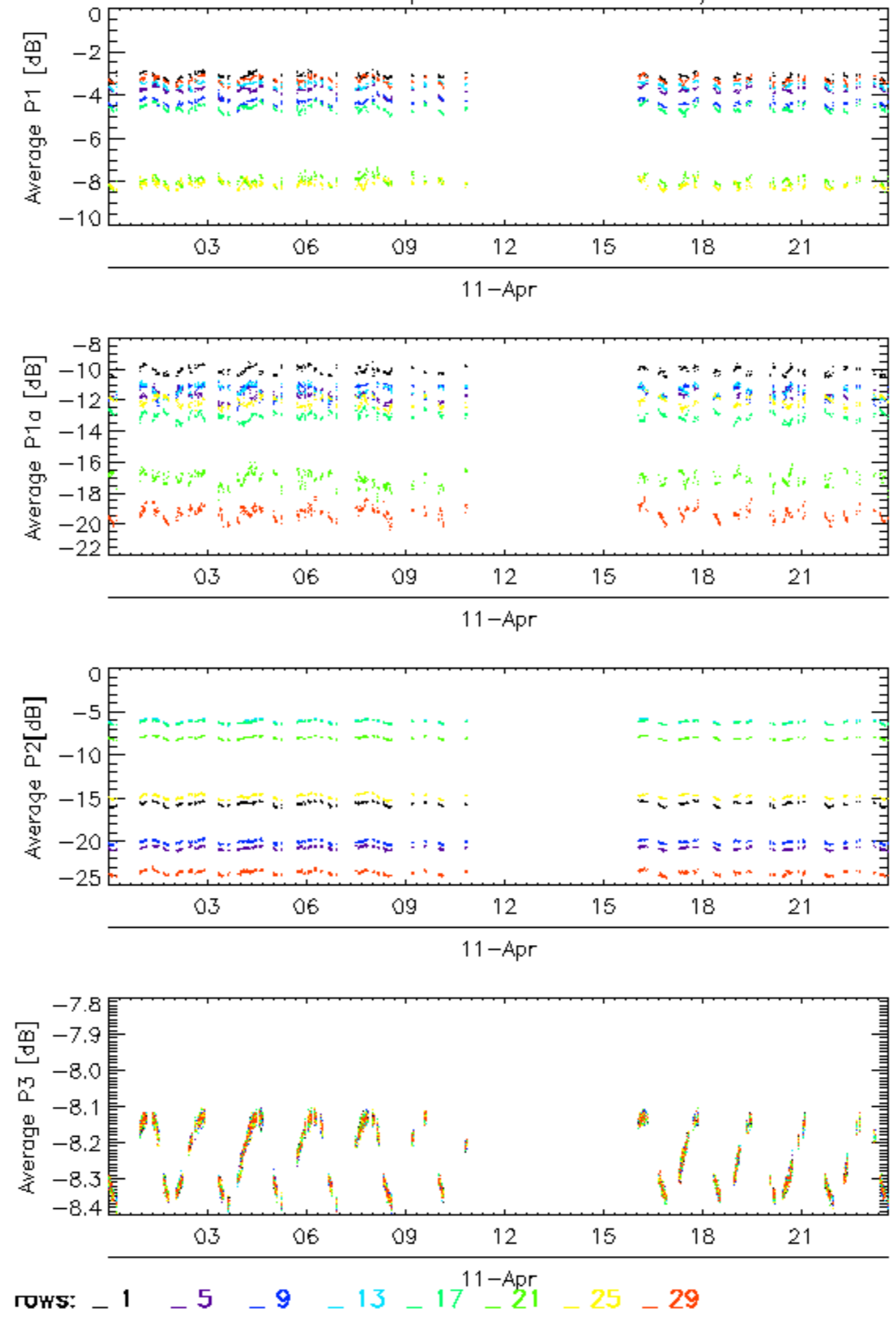
```
HTML REPORT generation  
#####
```

```
Building file ./RESULTS/DAILY/_110411/asarReport.html...  
Building DATA SUMMARY section...  
Building AUXILIARY FILES ANALYSIS section...  
Building MODULE STEPPING ANALYSIS section...  
Building CALIBRATION PULSES ANALYSIS section...  
Building DOPPLER ANALYSIS section...  
Building CHIRP ANALYSIS section...  
Building RAW DATA ANALYSIS section...  
Building TELEMETRY ANALYSIS section...
```

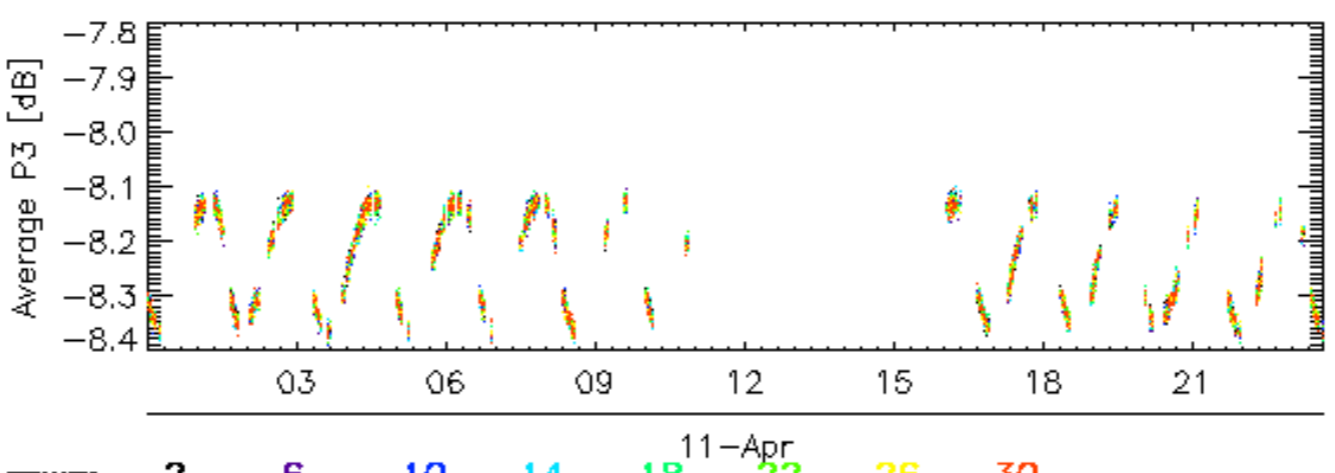
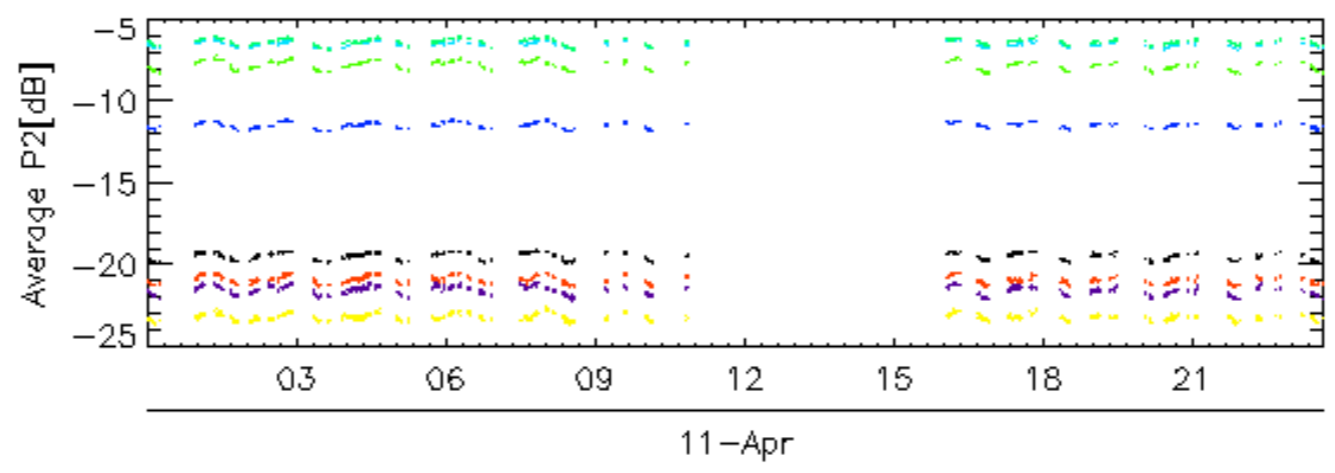
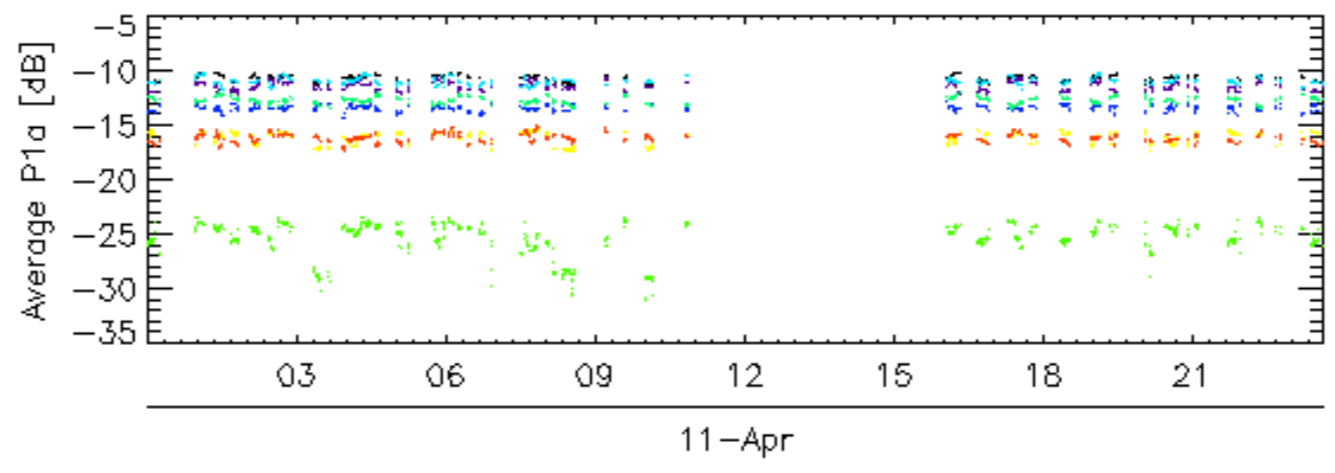
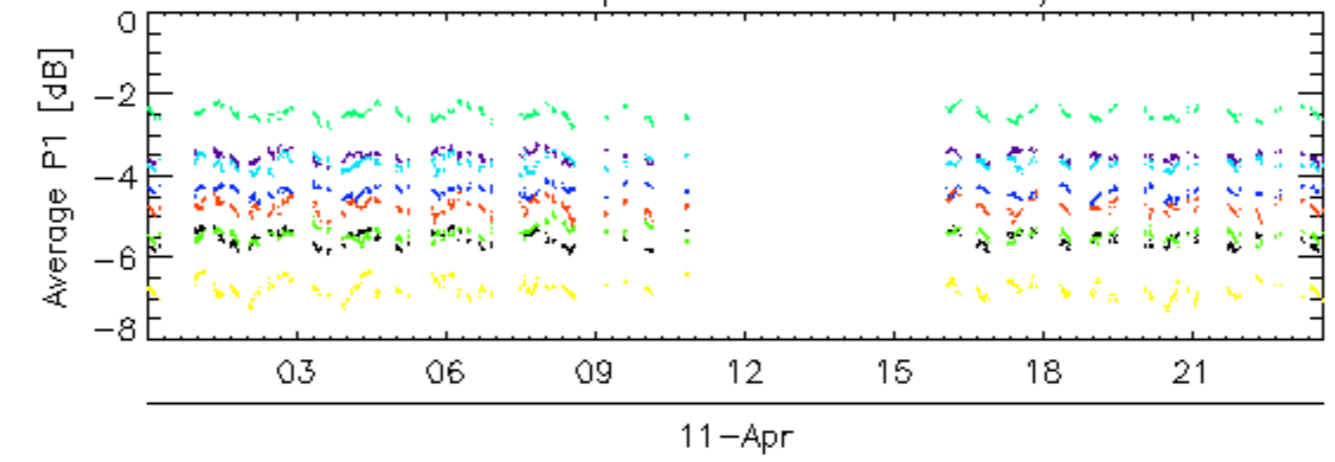
```
HTML REPORT generation completed  
#####
```



### Calibration pulses for GM1 SS3 H/H

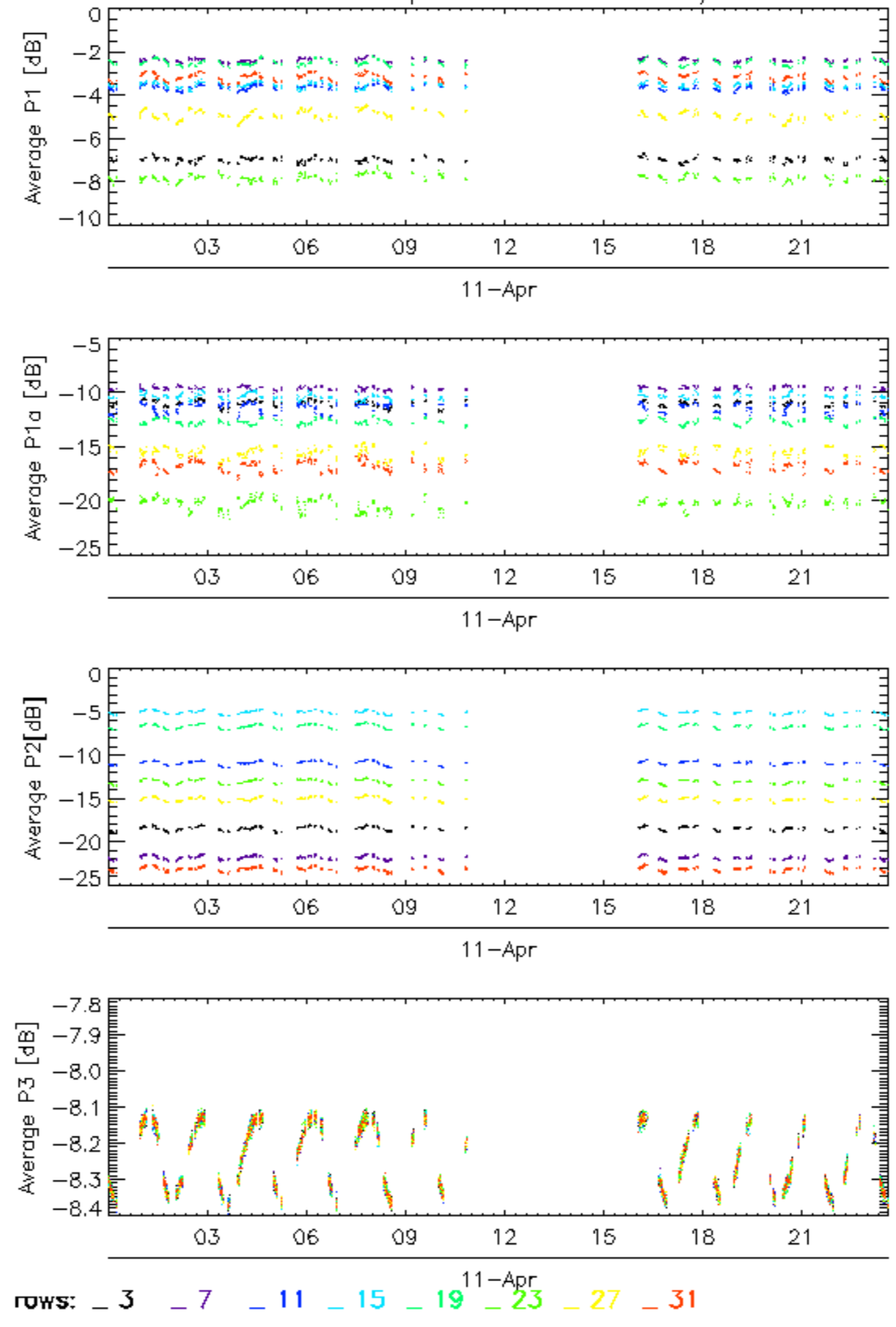


### Calibration pulses for GM1 SS3 H/H

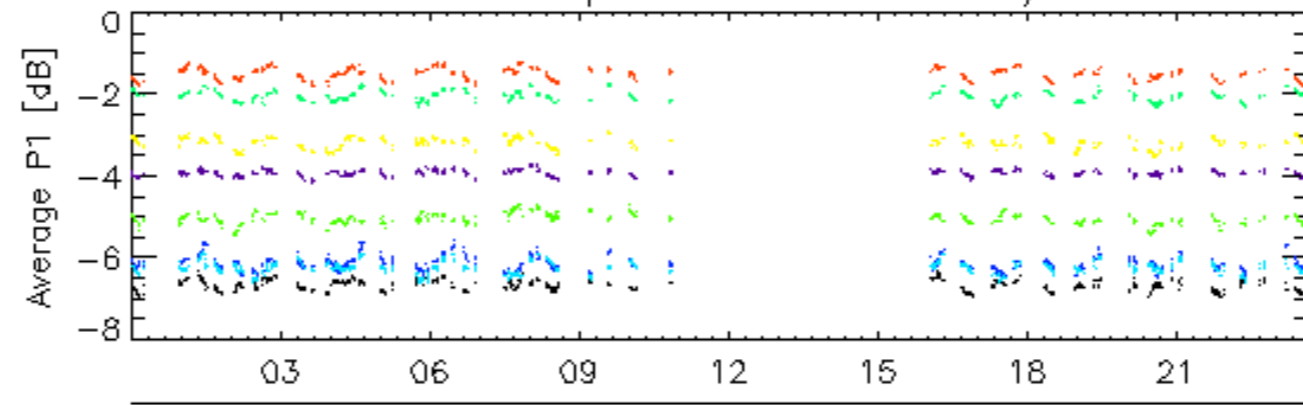


rows: \_ 2 \_ 6 \_ 10 \_ 14 \_ 18 \_ 22 \_ 26 \_ 30

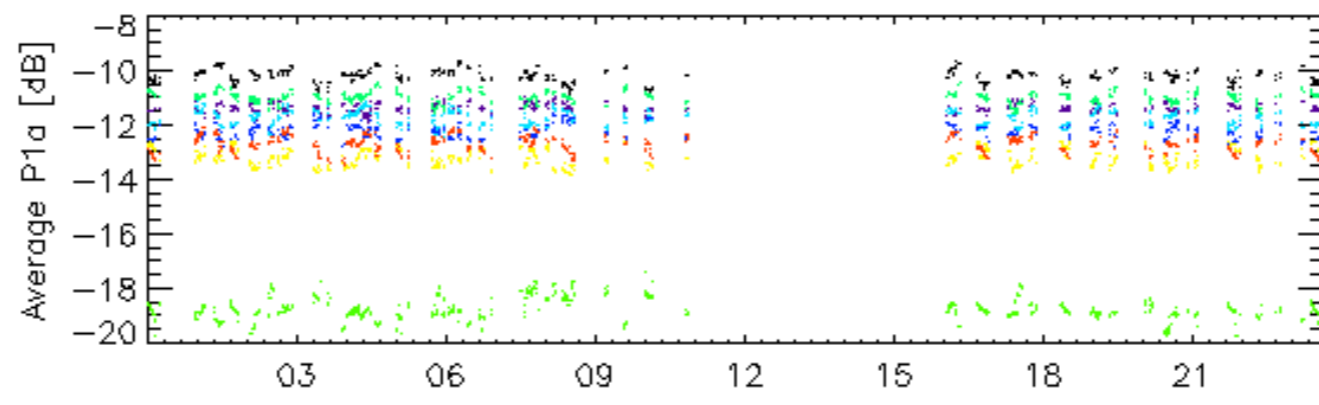
### Calibration pulses for GM1 SS3 H/H



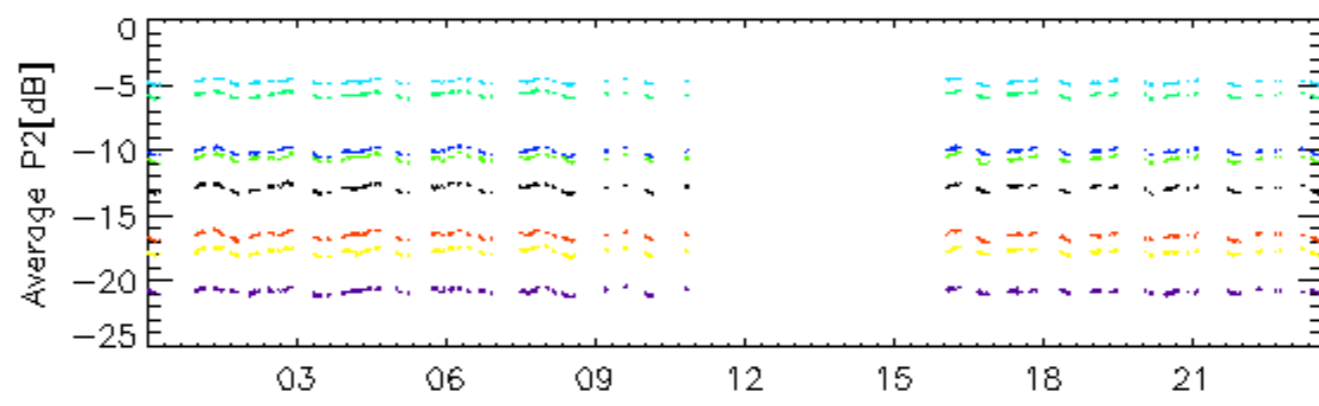
Calibration pulses for GM1 SS3 H/H



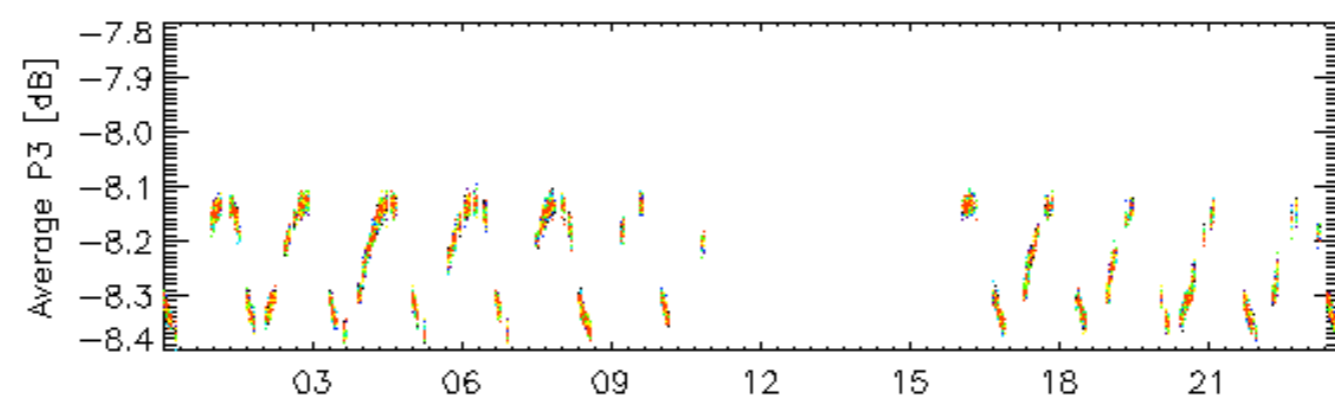
11-Apr



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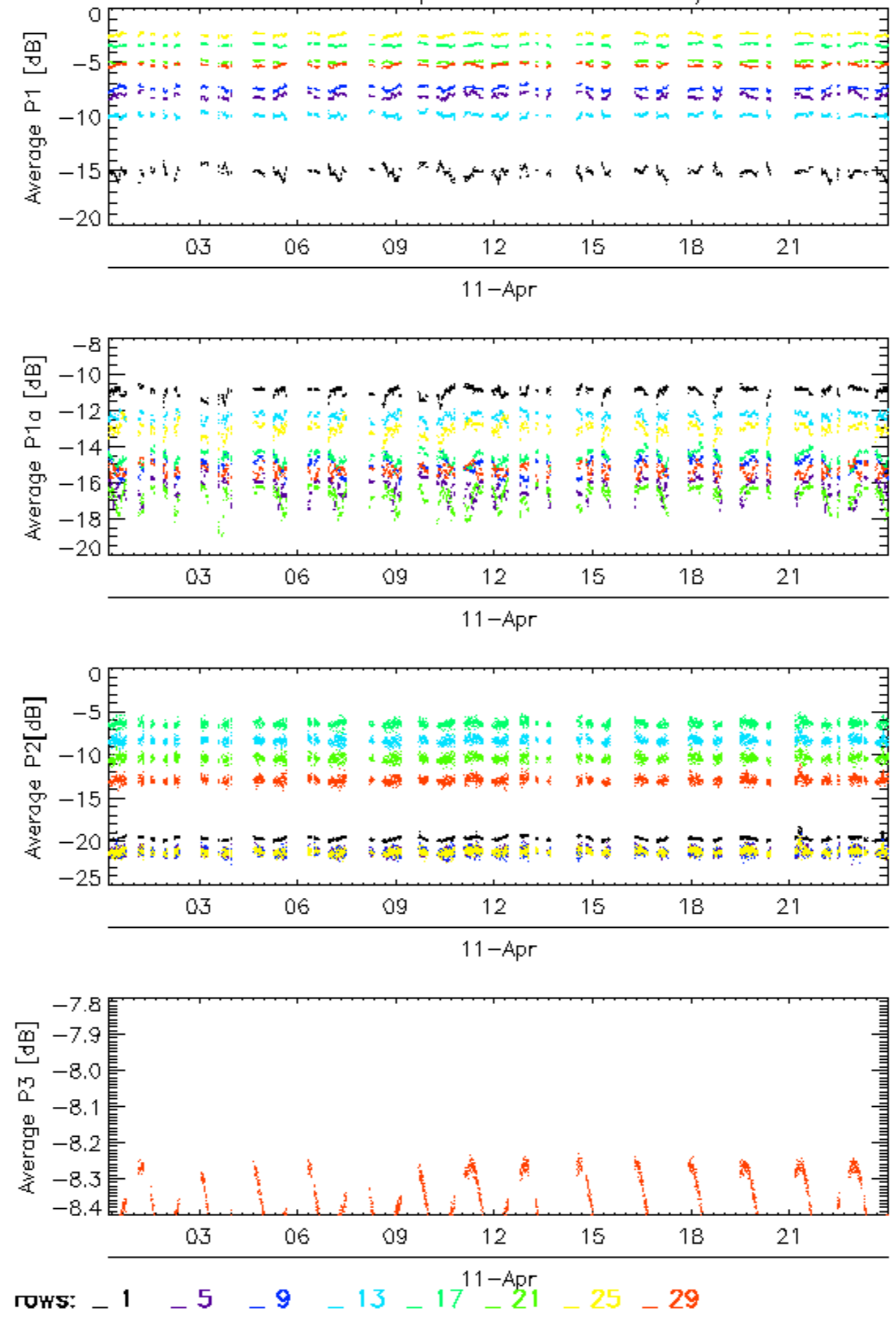
11-Apr



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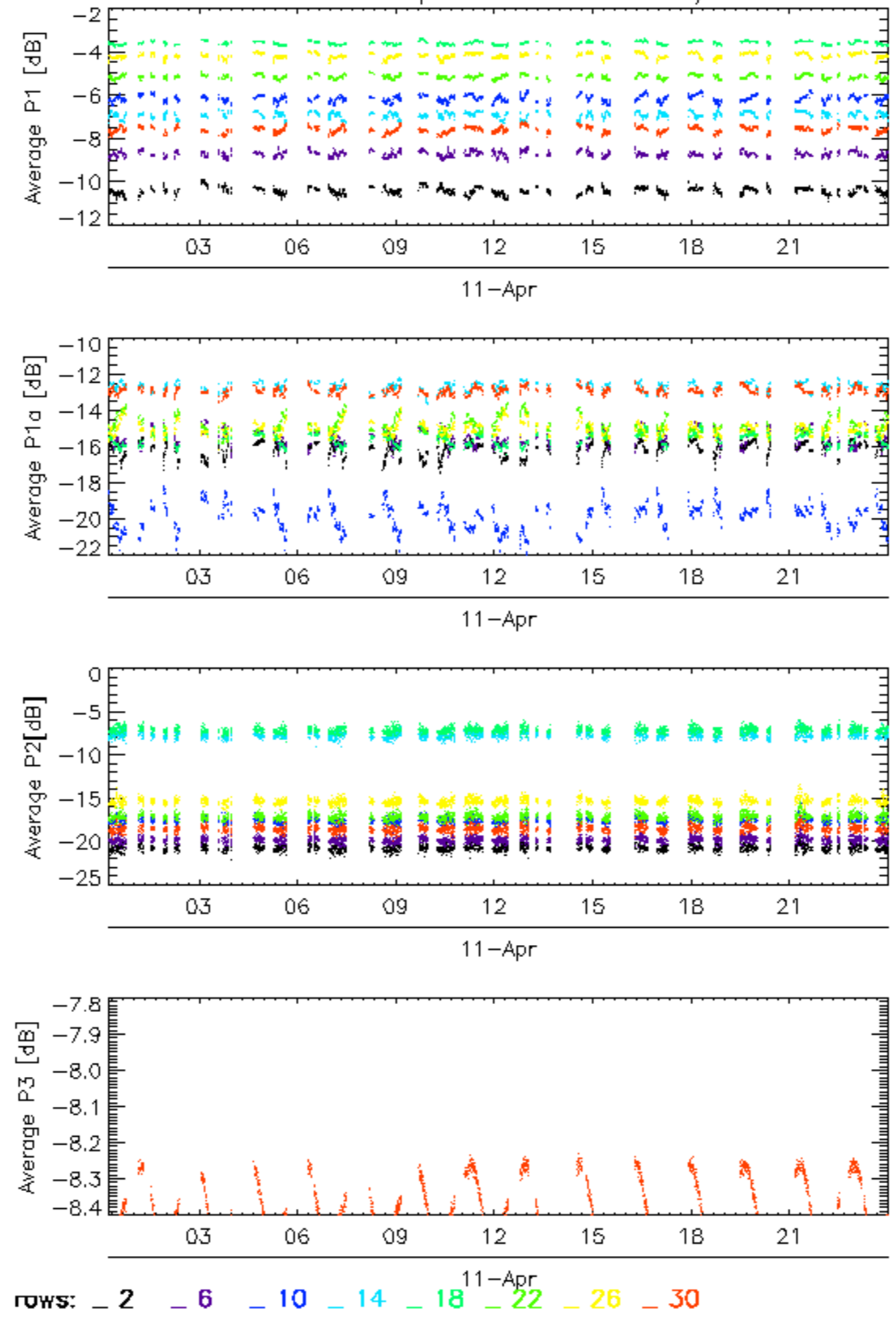
rows: \_ 4 \_ 8 \_ 12 \_ 16 \_ 20 \_ 24 \_ 28 \_ 32

Calibration pulses for WVS IS2 V/V

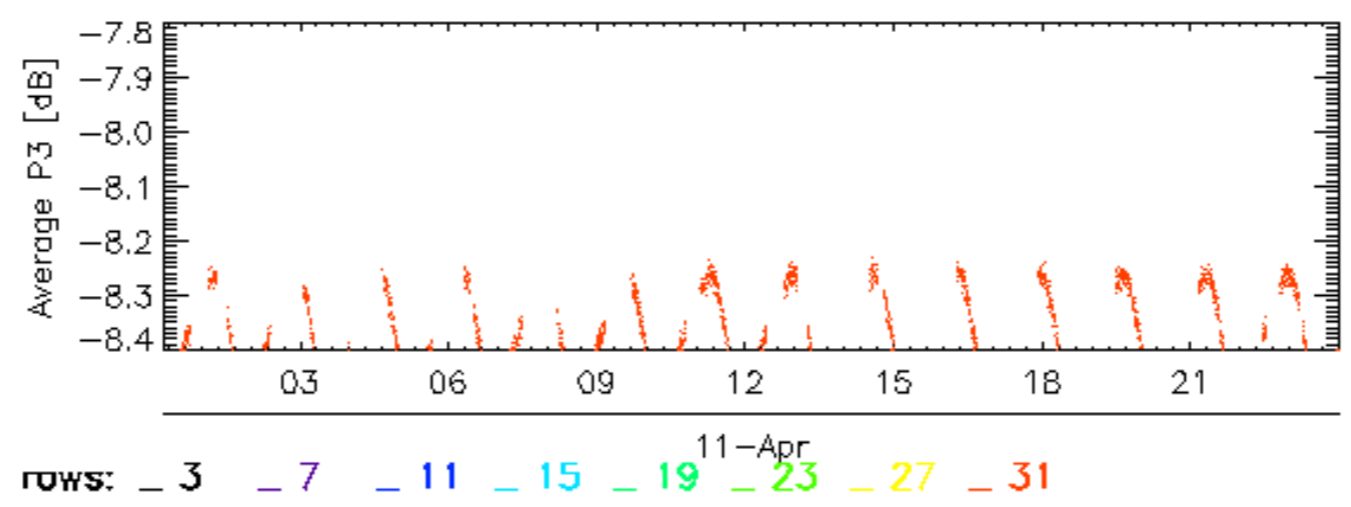
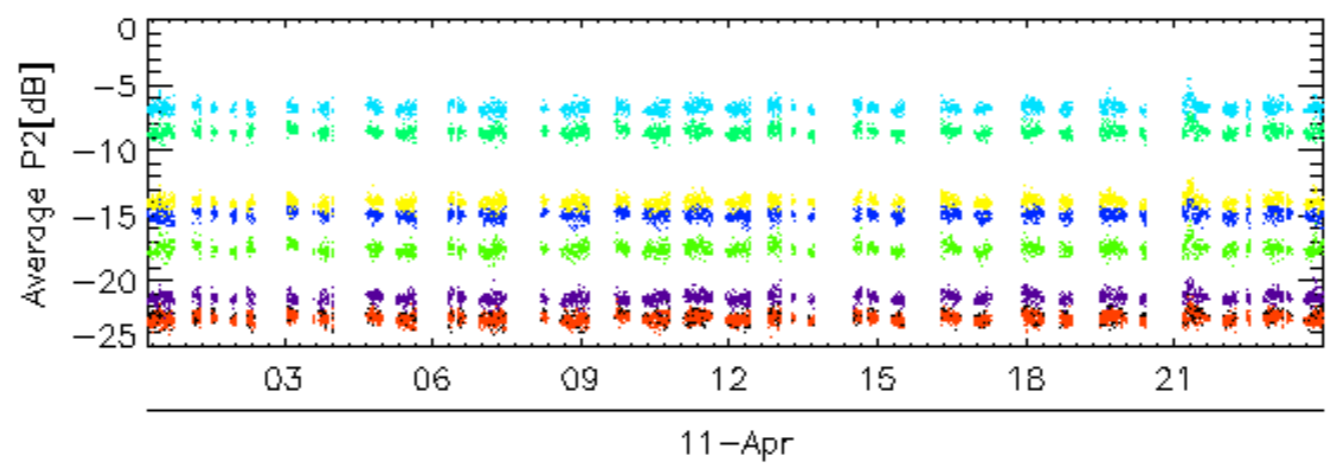
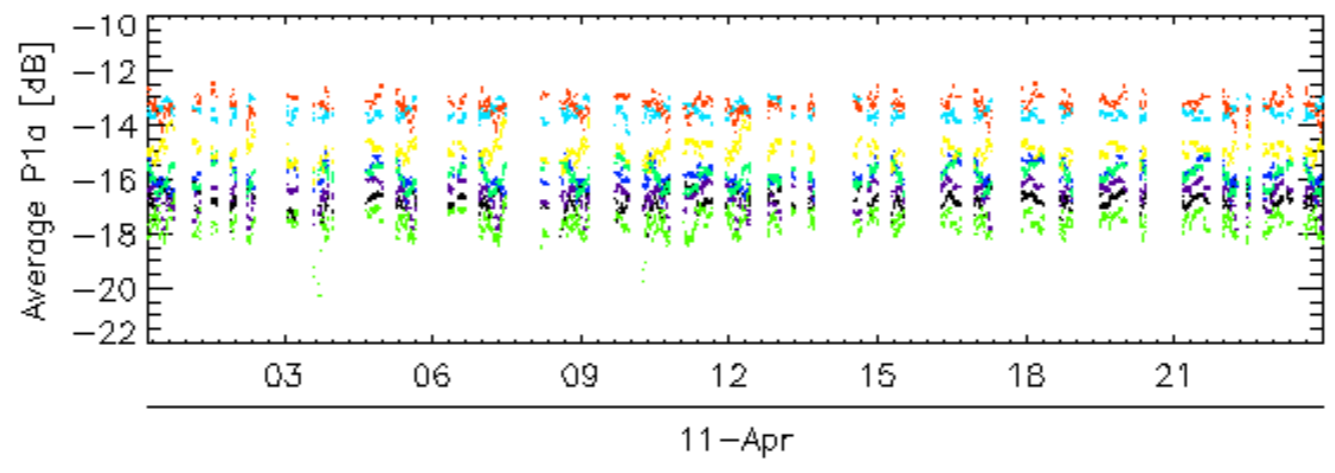
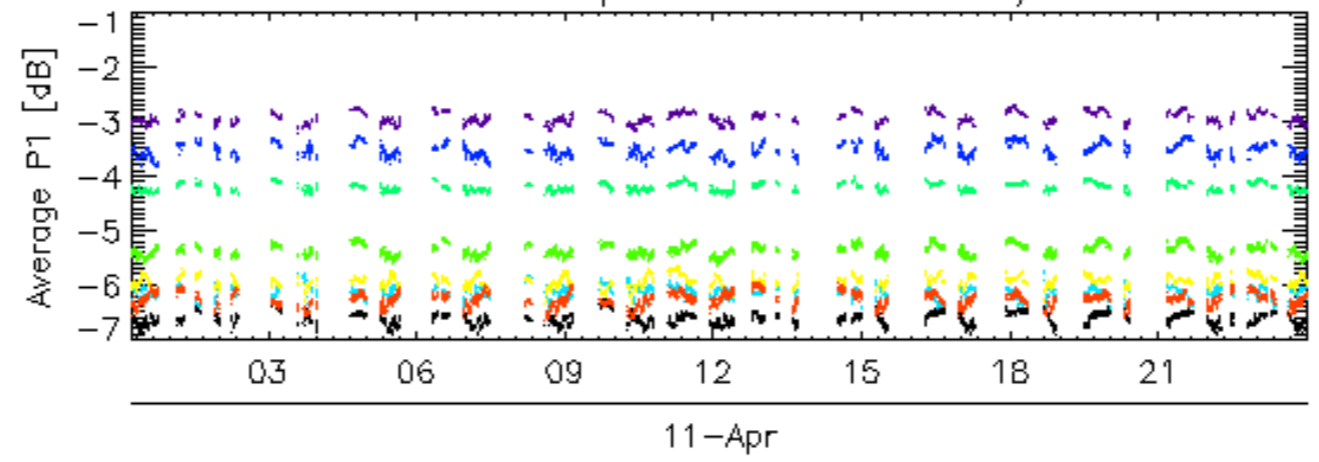




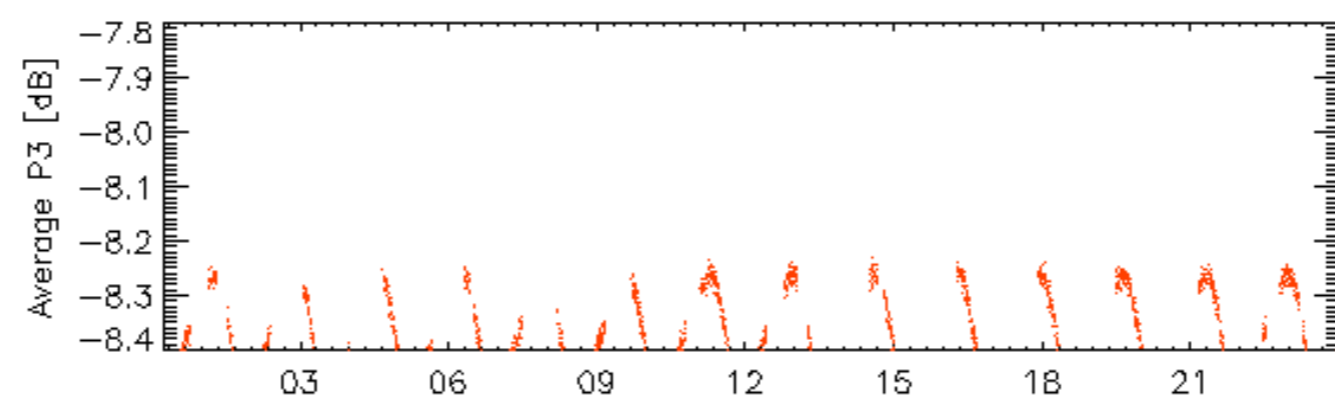
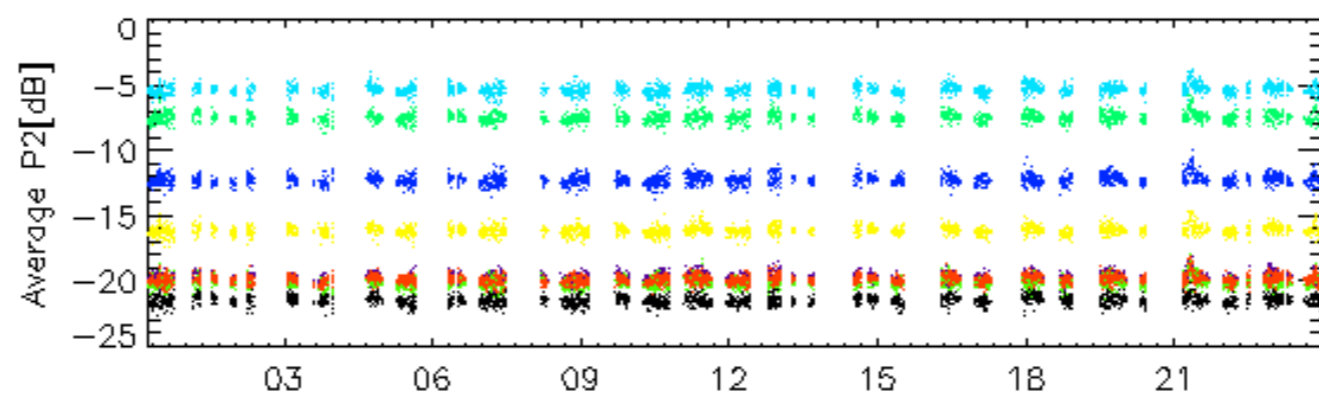
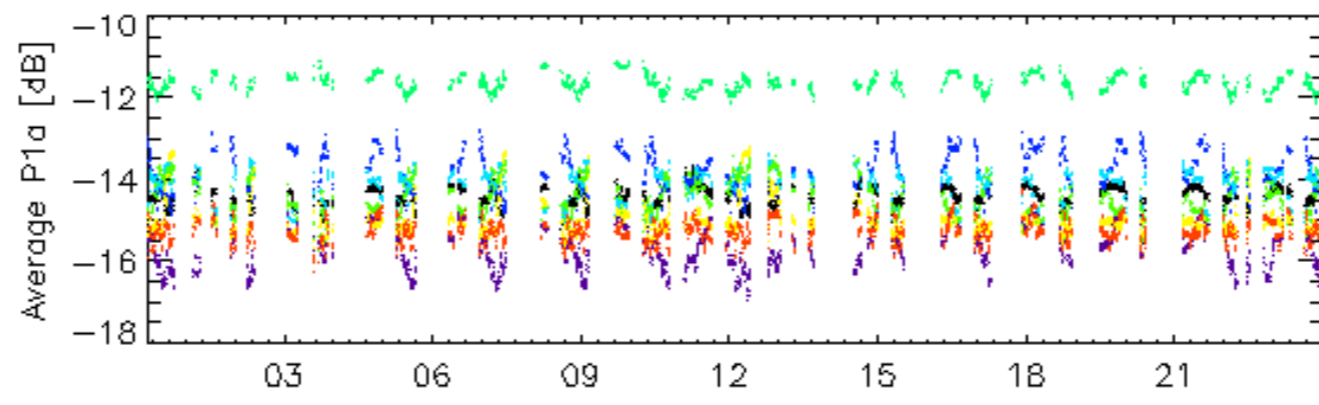
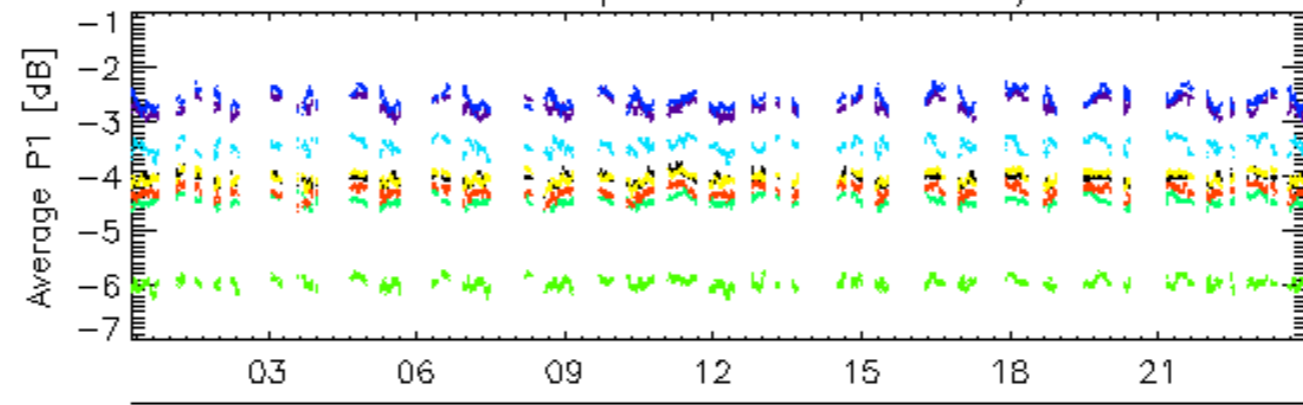
Calibration pulses for WVS IS2 V/V



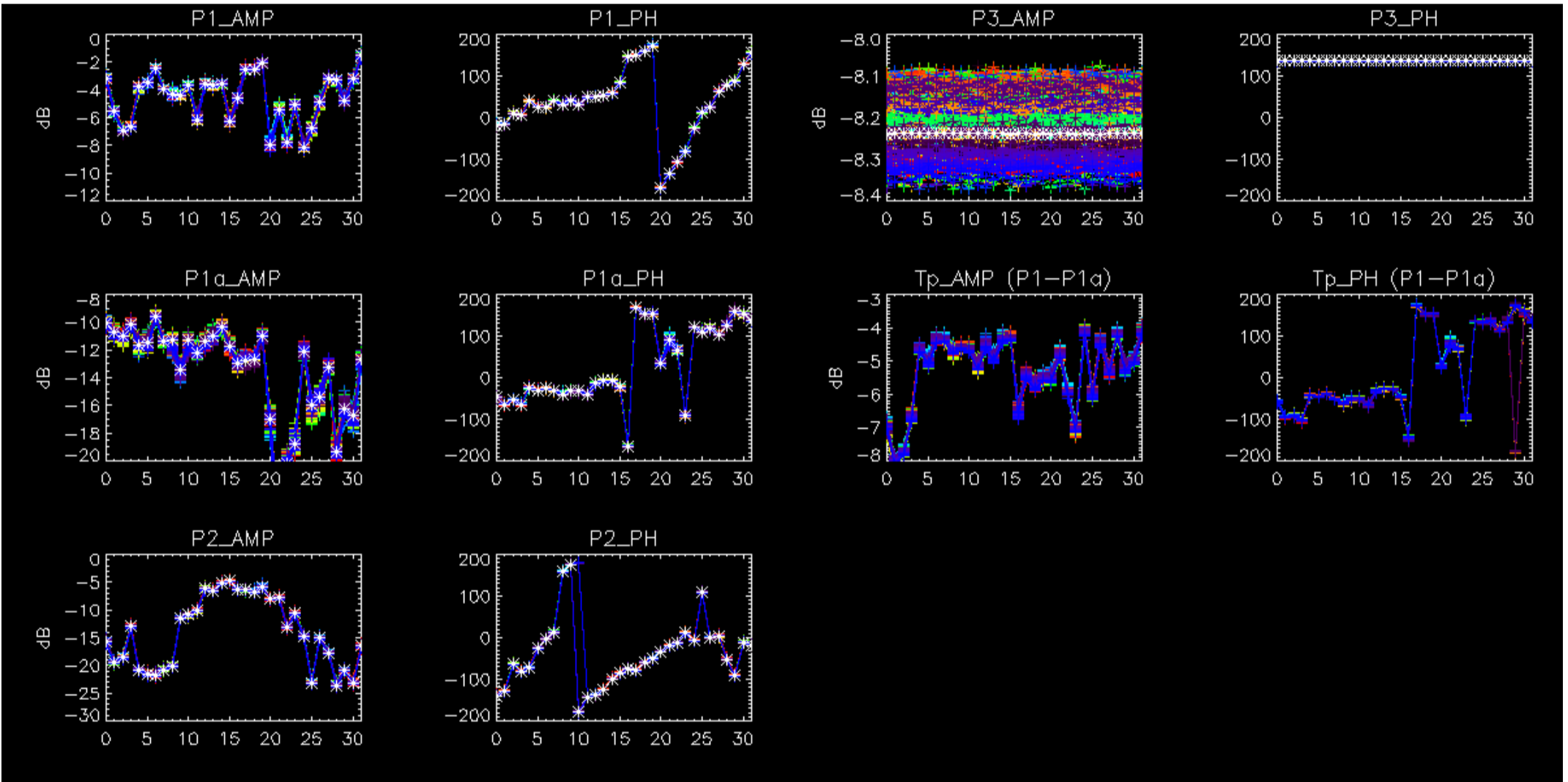
### Calibration pulses for WVS IS2 V/V

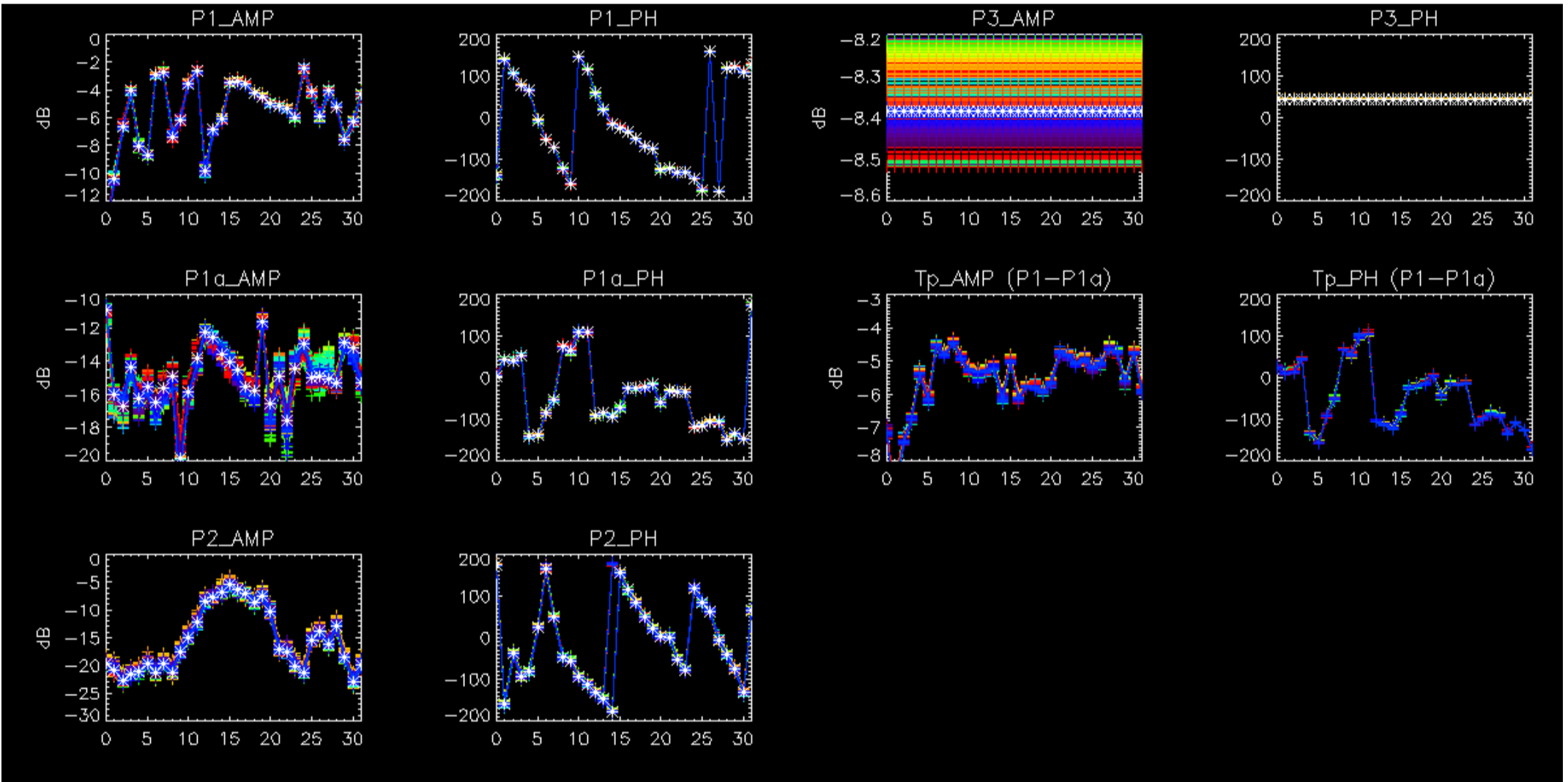


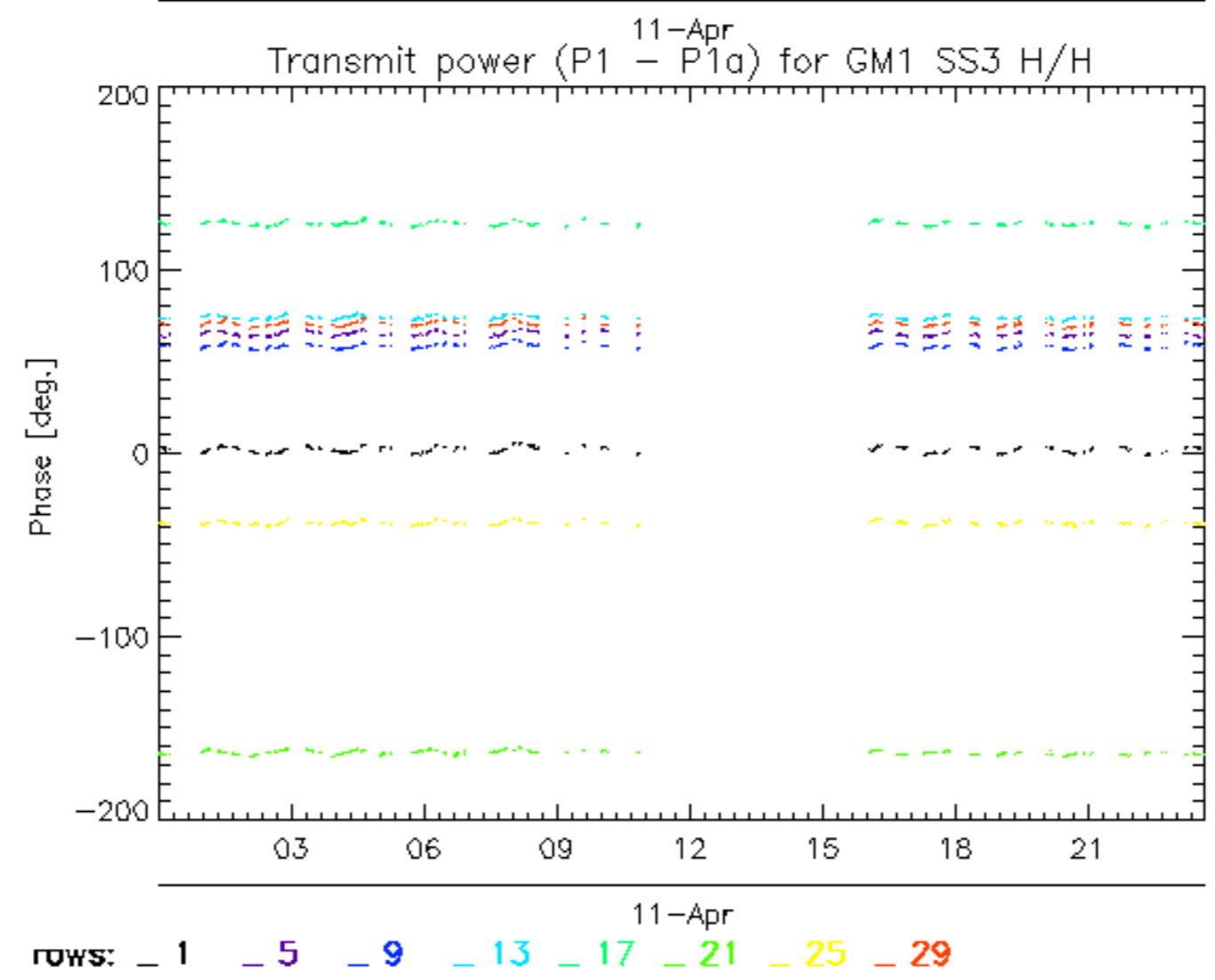
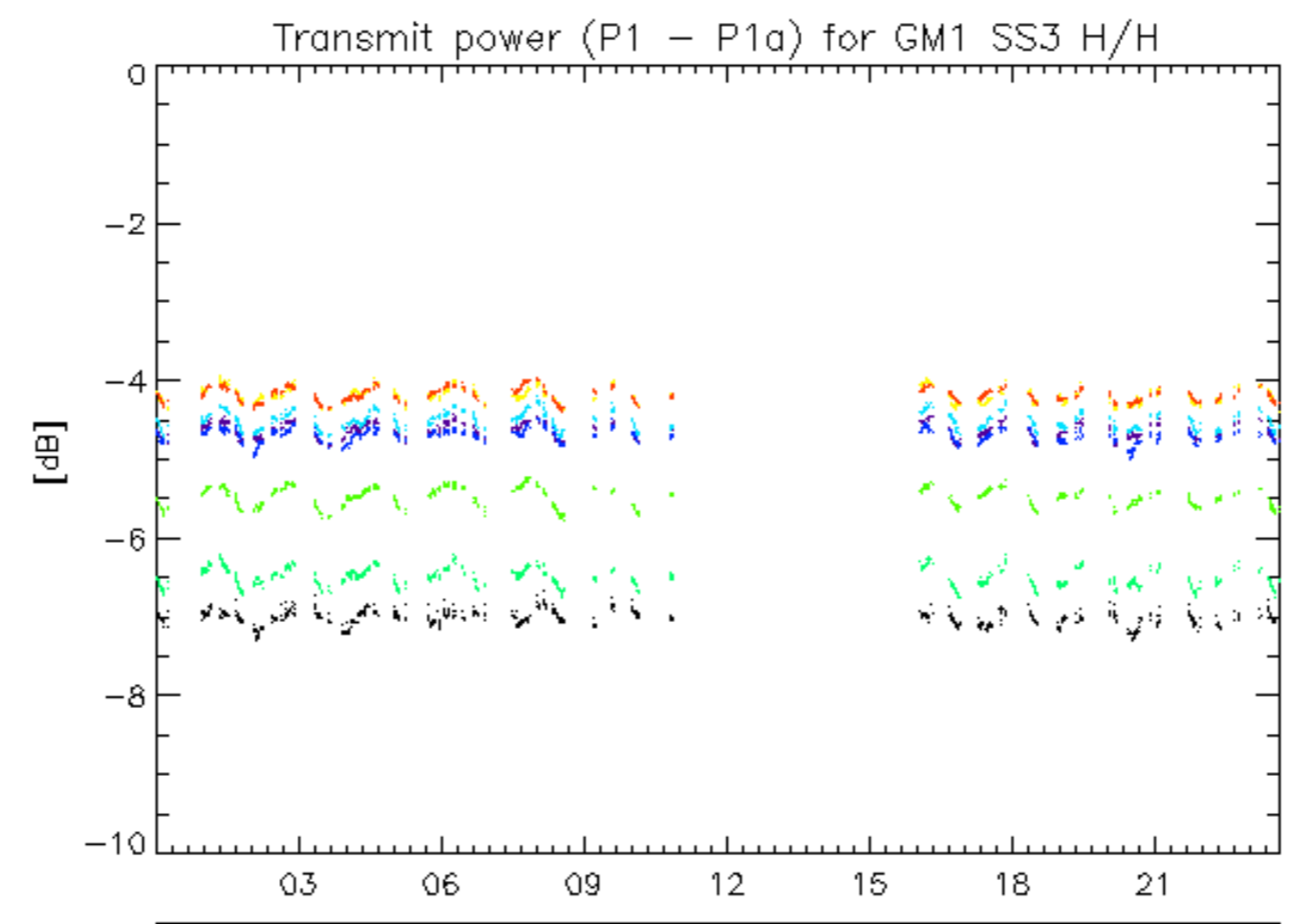
### Calibration pulses for WVS IS2 V/V

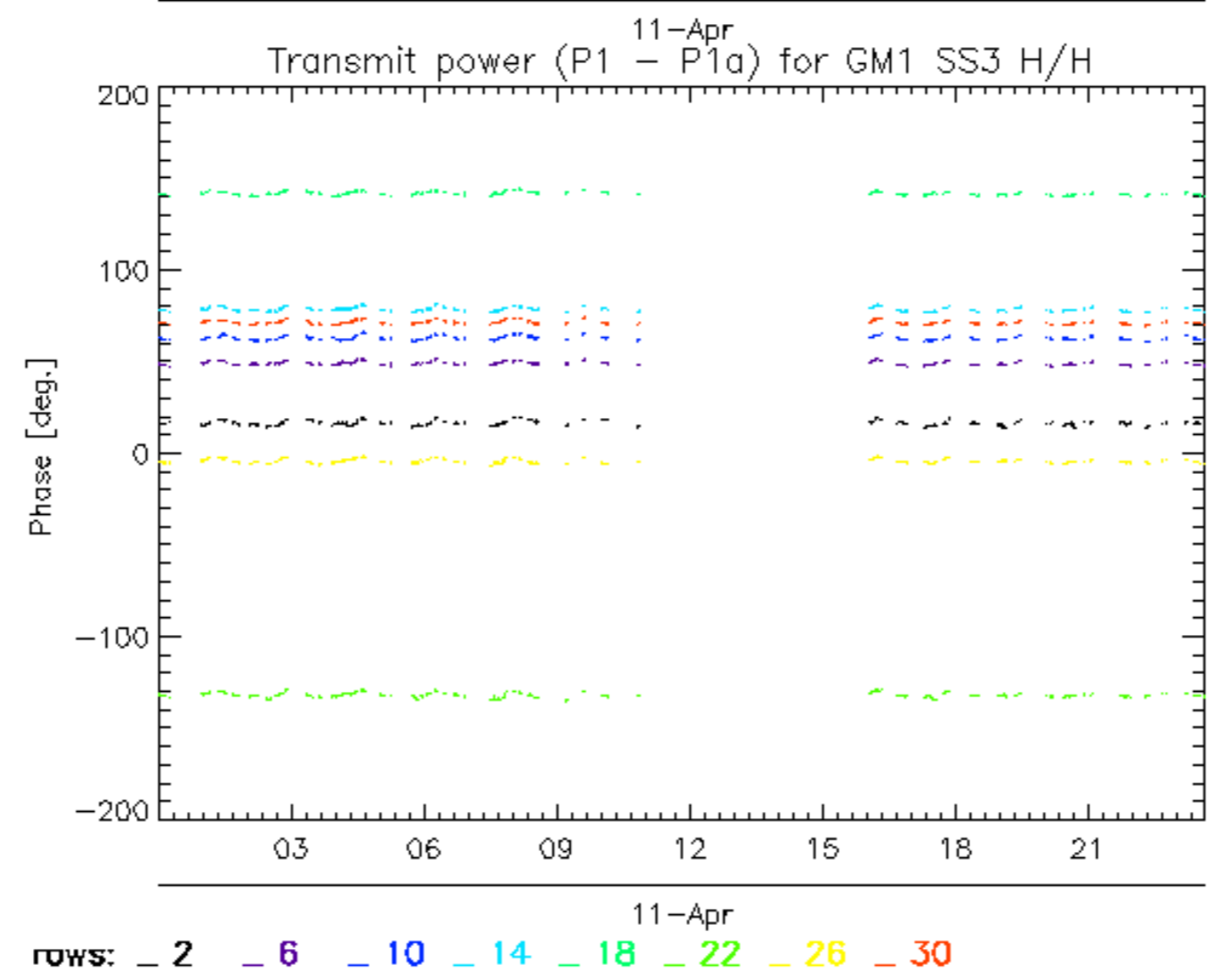
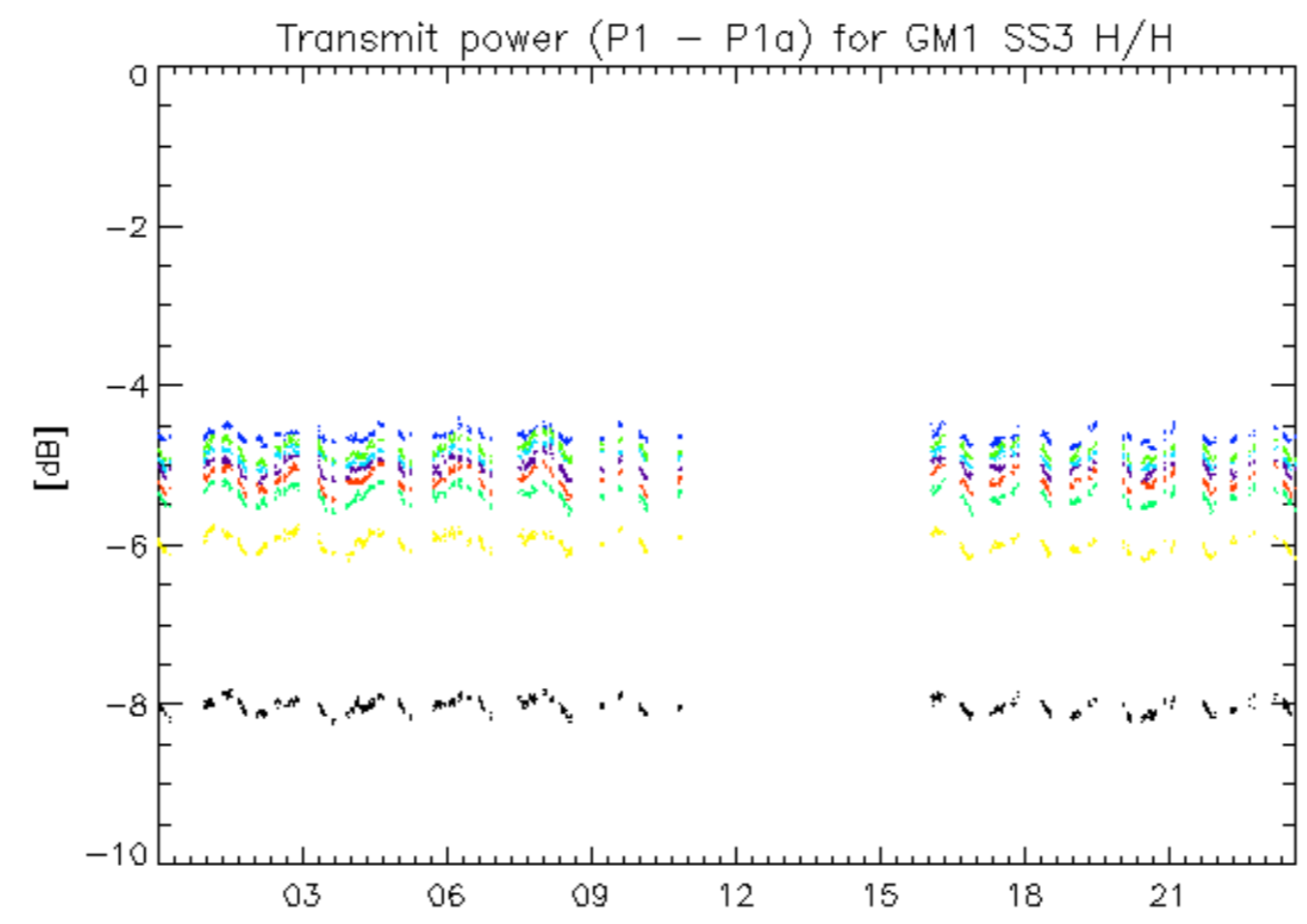


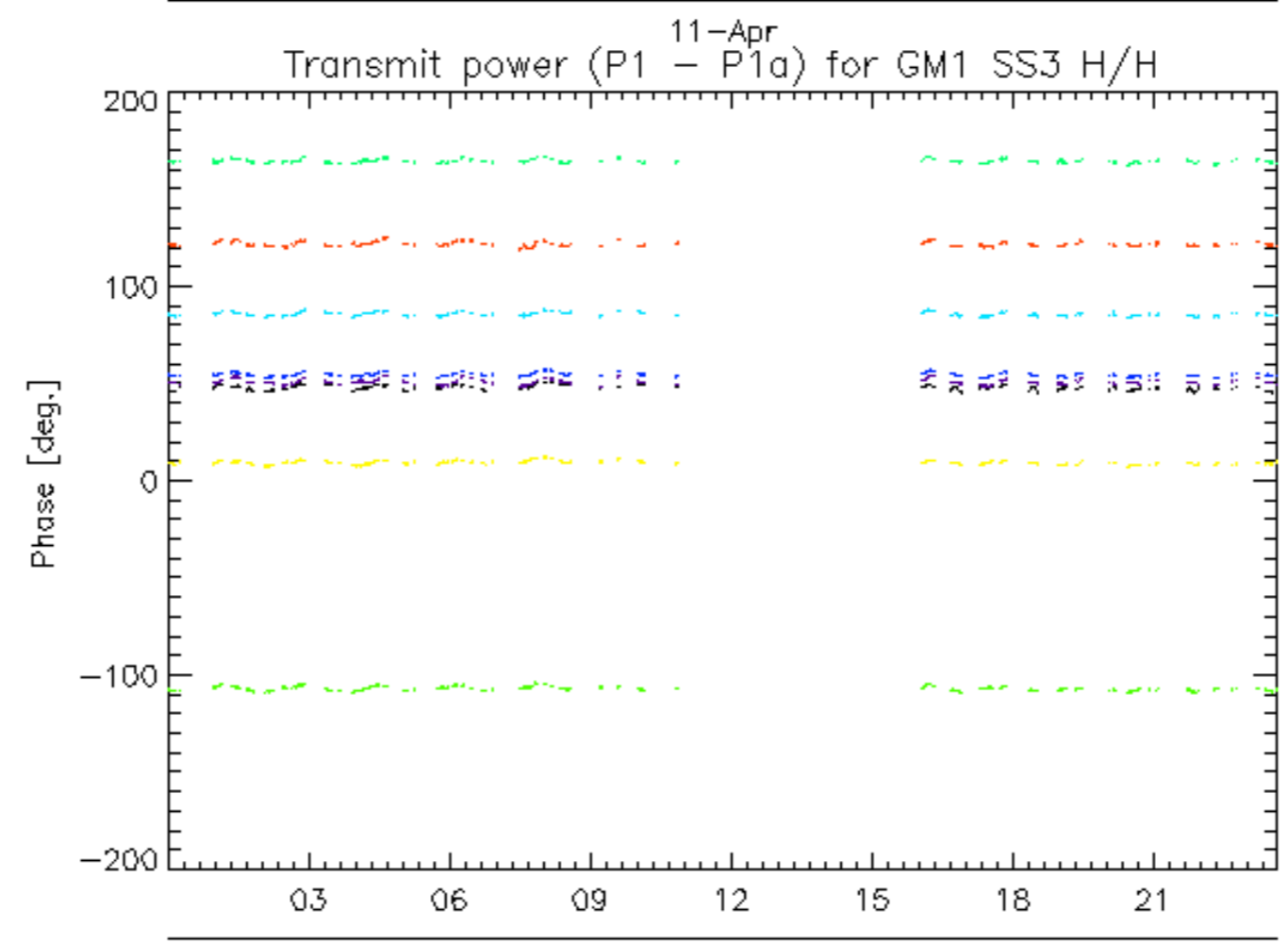
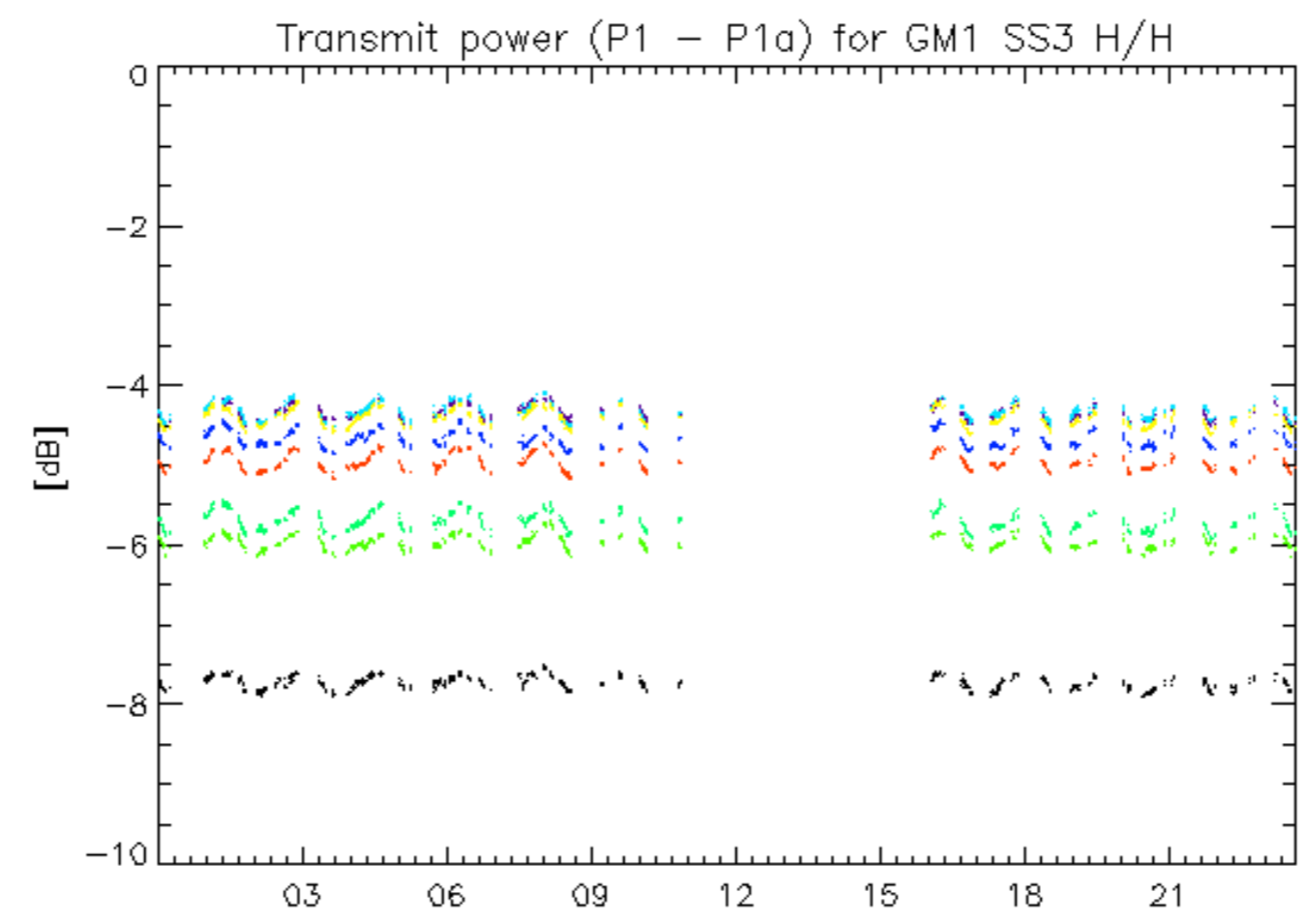
rows: \_ 4 \_ 8 \_ 12 \_ 16 \_ 20 \_ 24 \_ 28 \_ 32





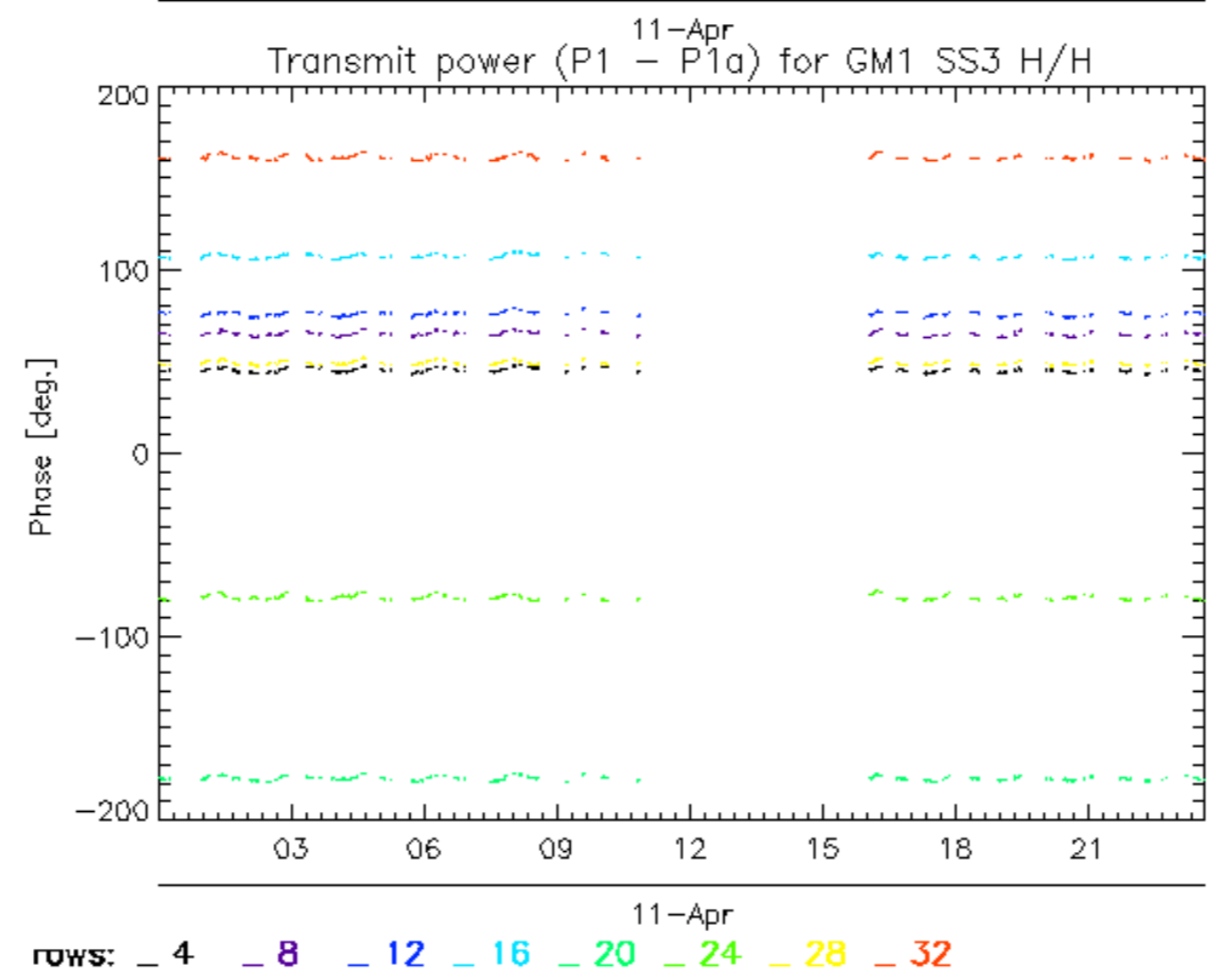
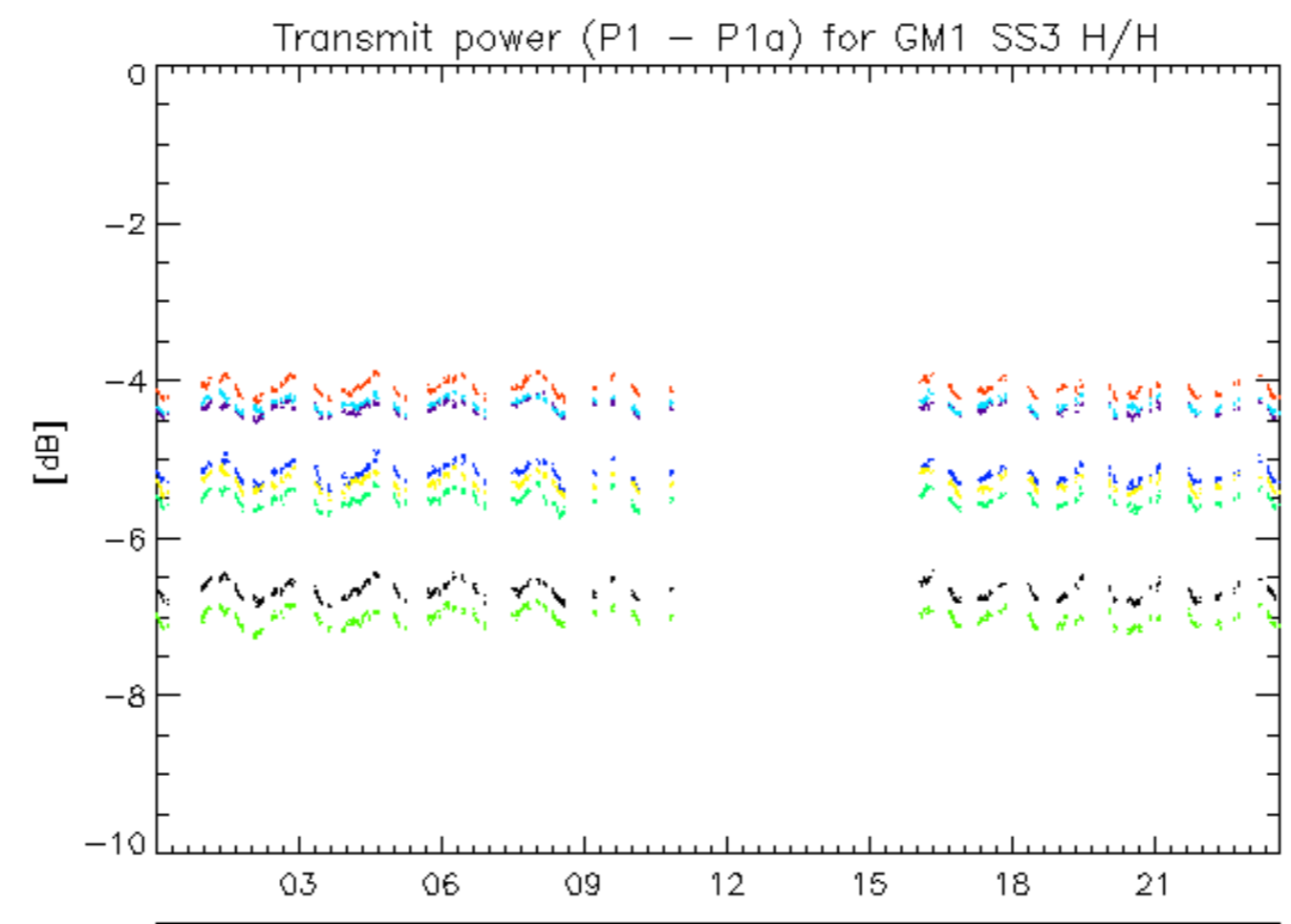


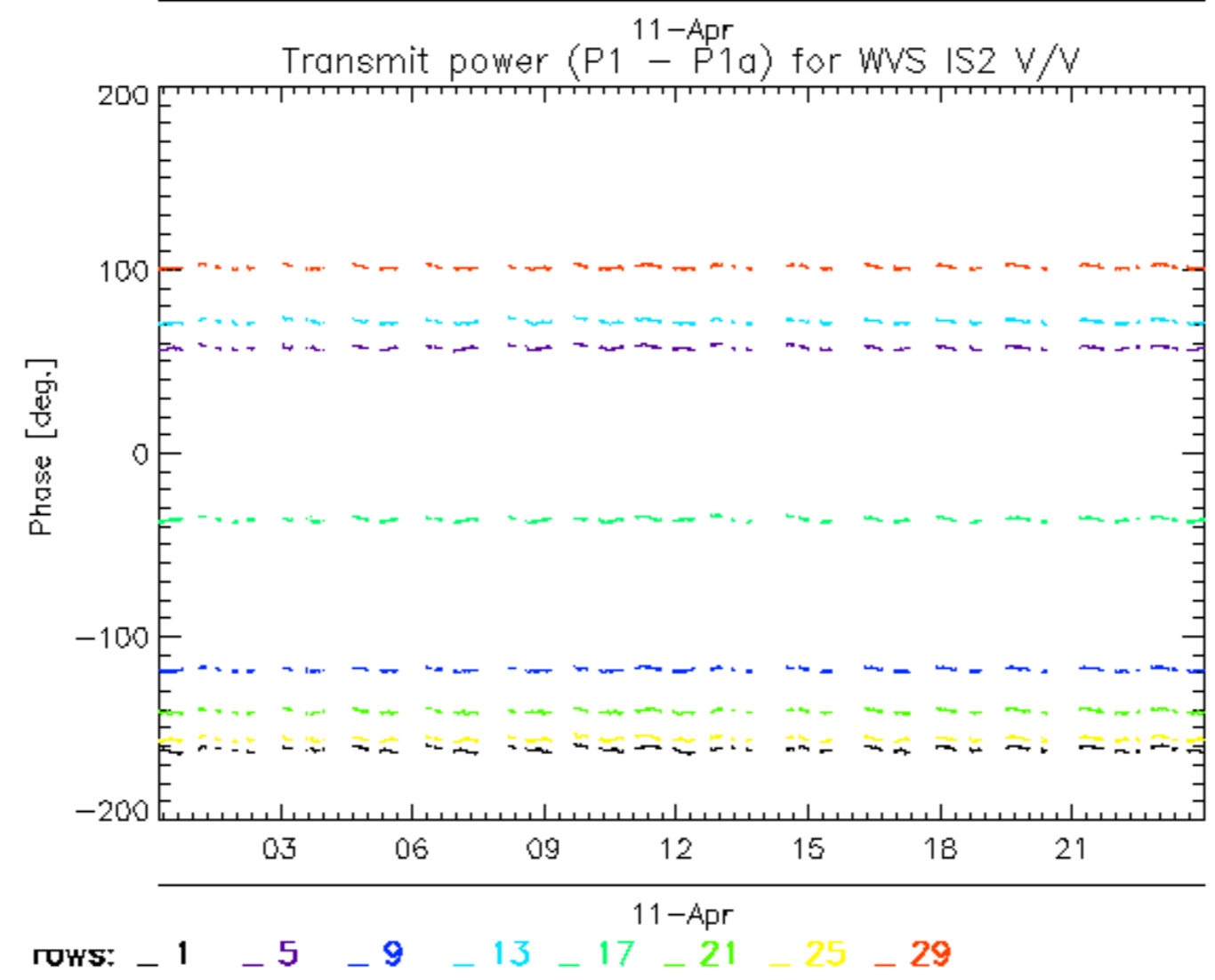
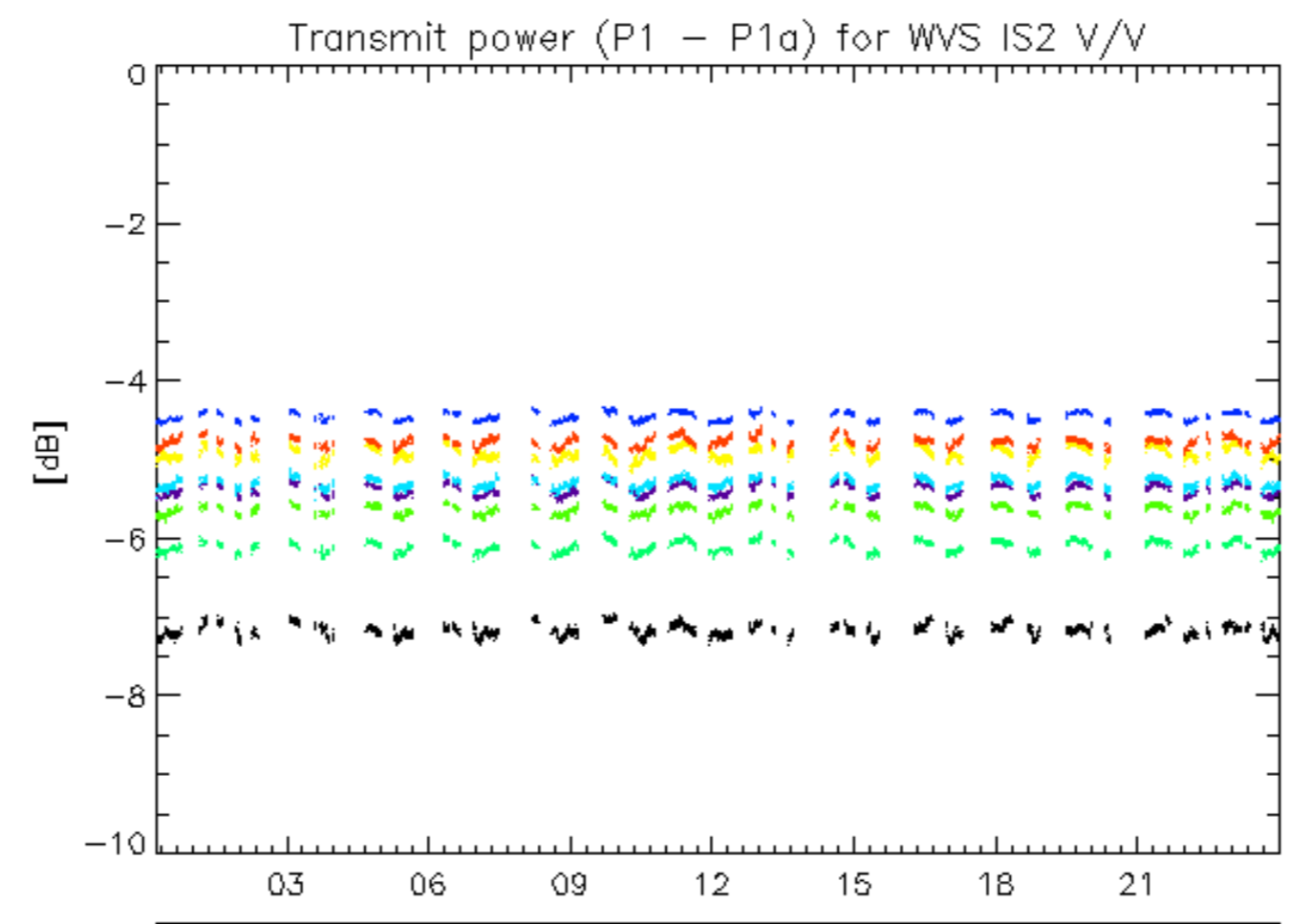


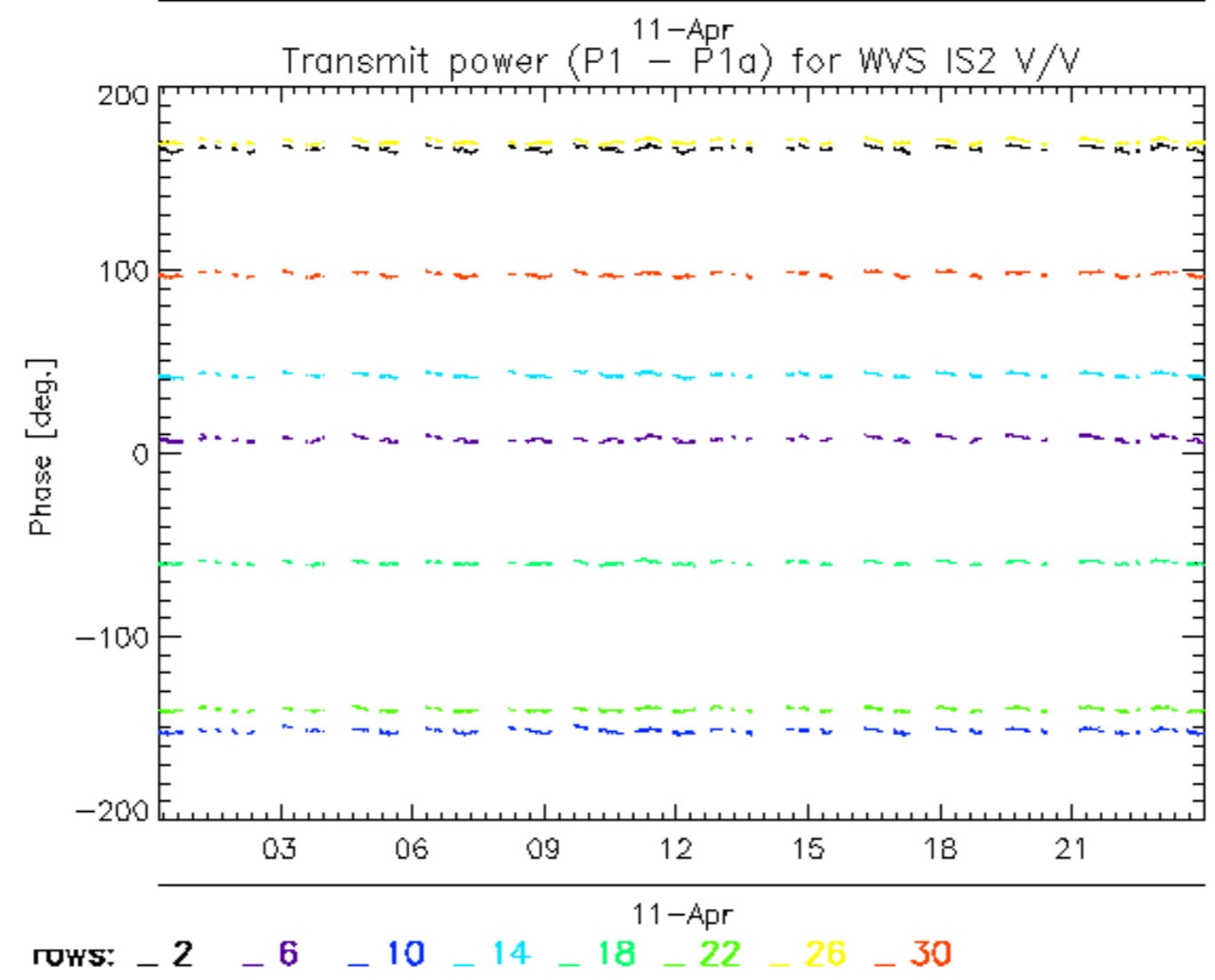
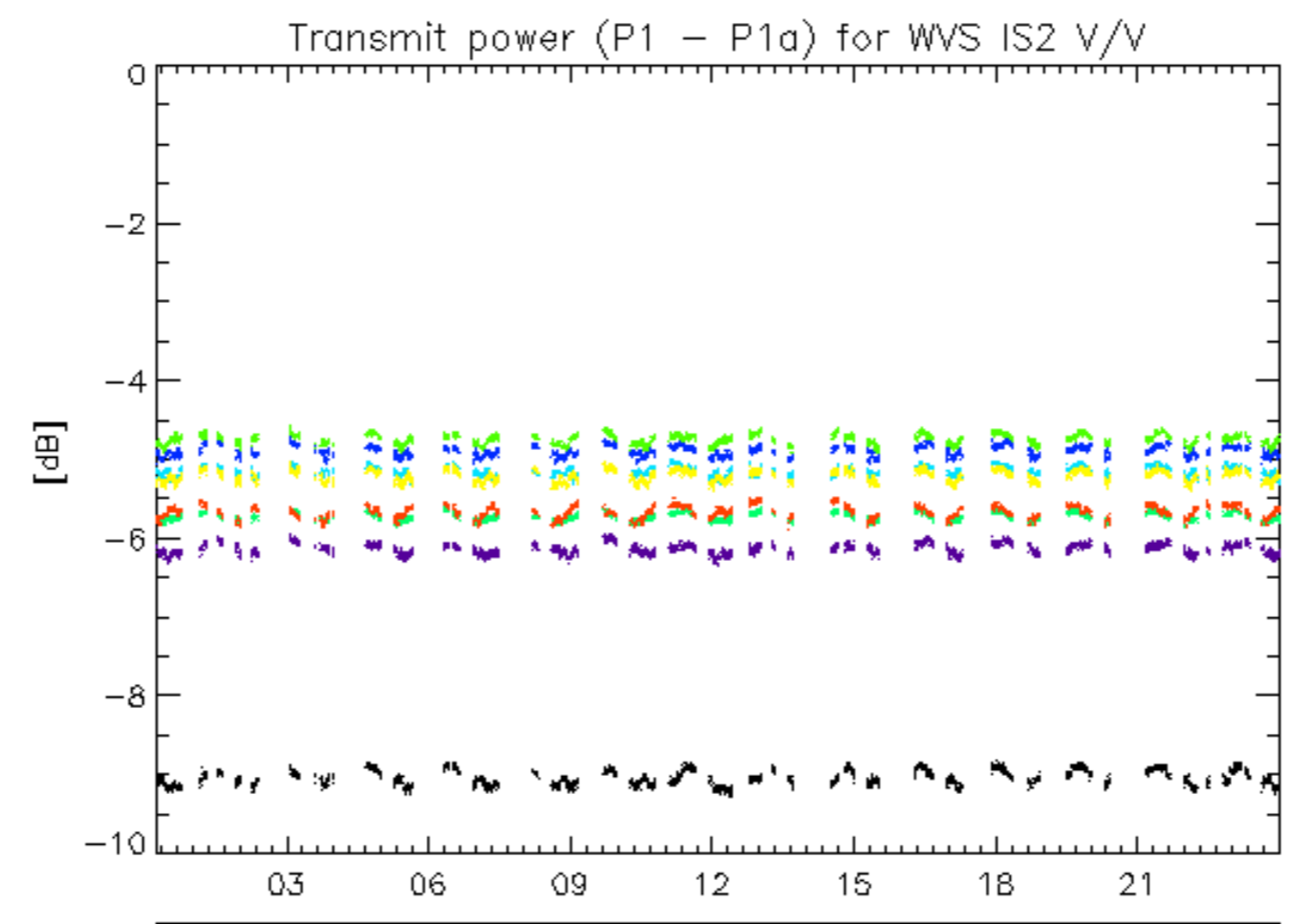


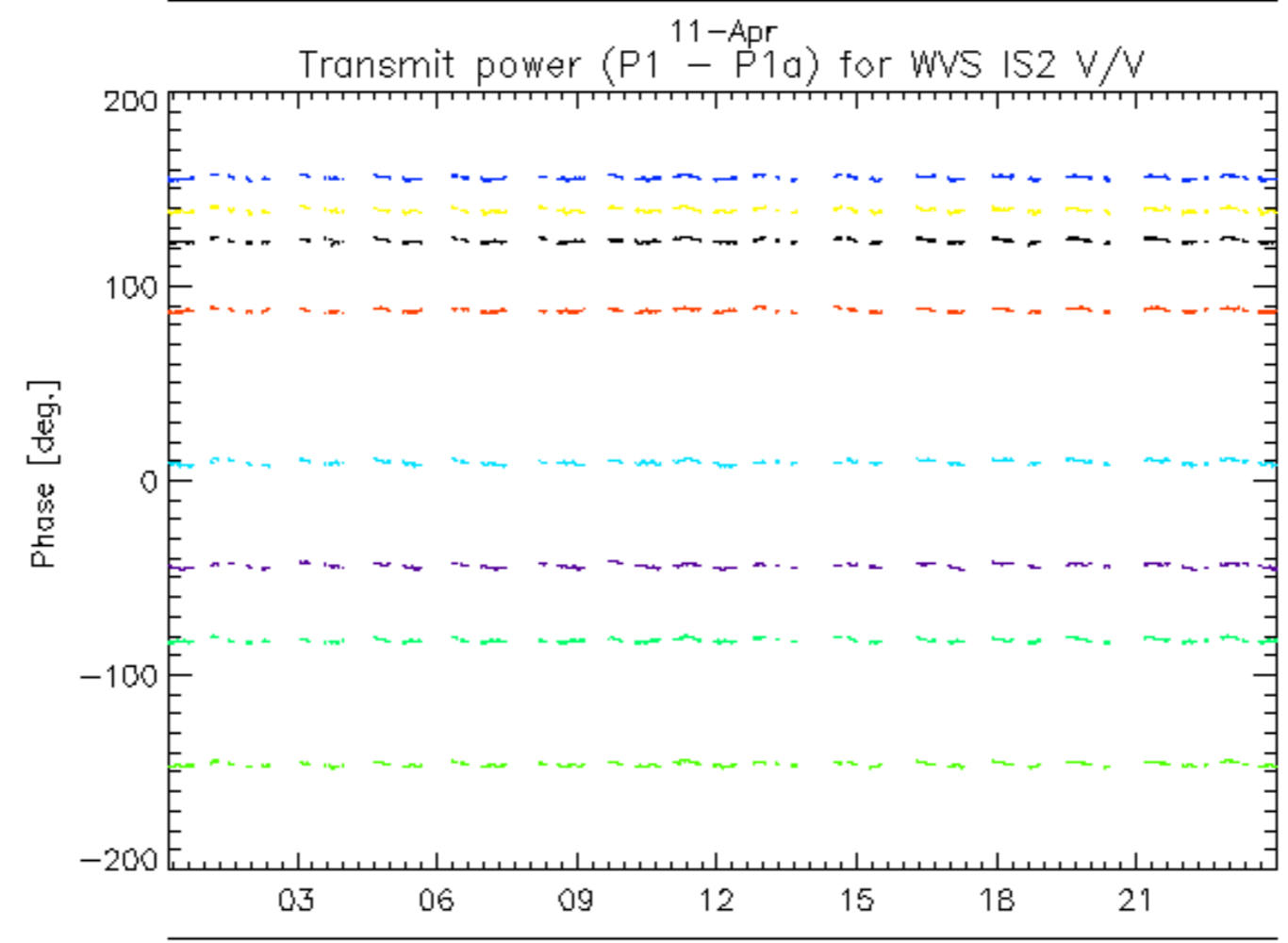
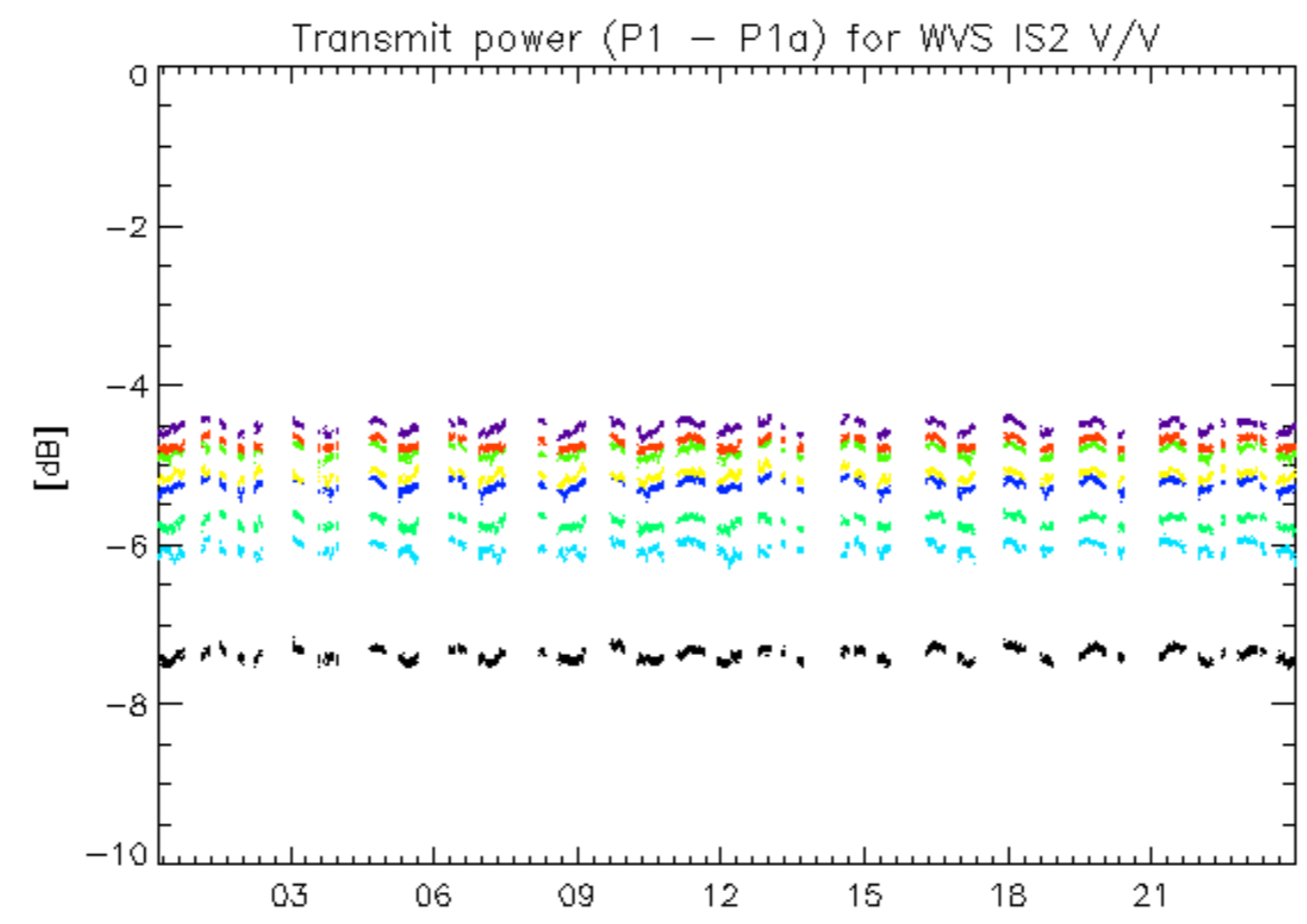
11-Apr  
rows: \_ 3 \_ 7 \_ 11 \_ 15 \_ 19 \_ 23 \_ 27 \_ 31



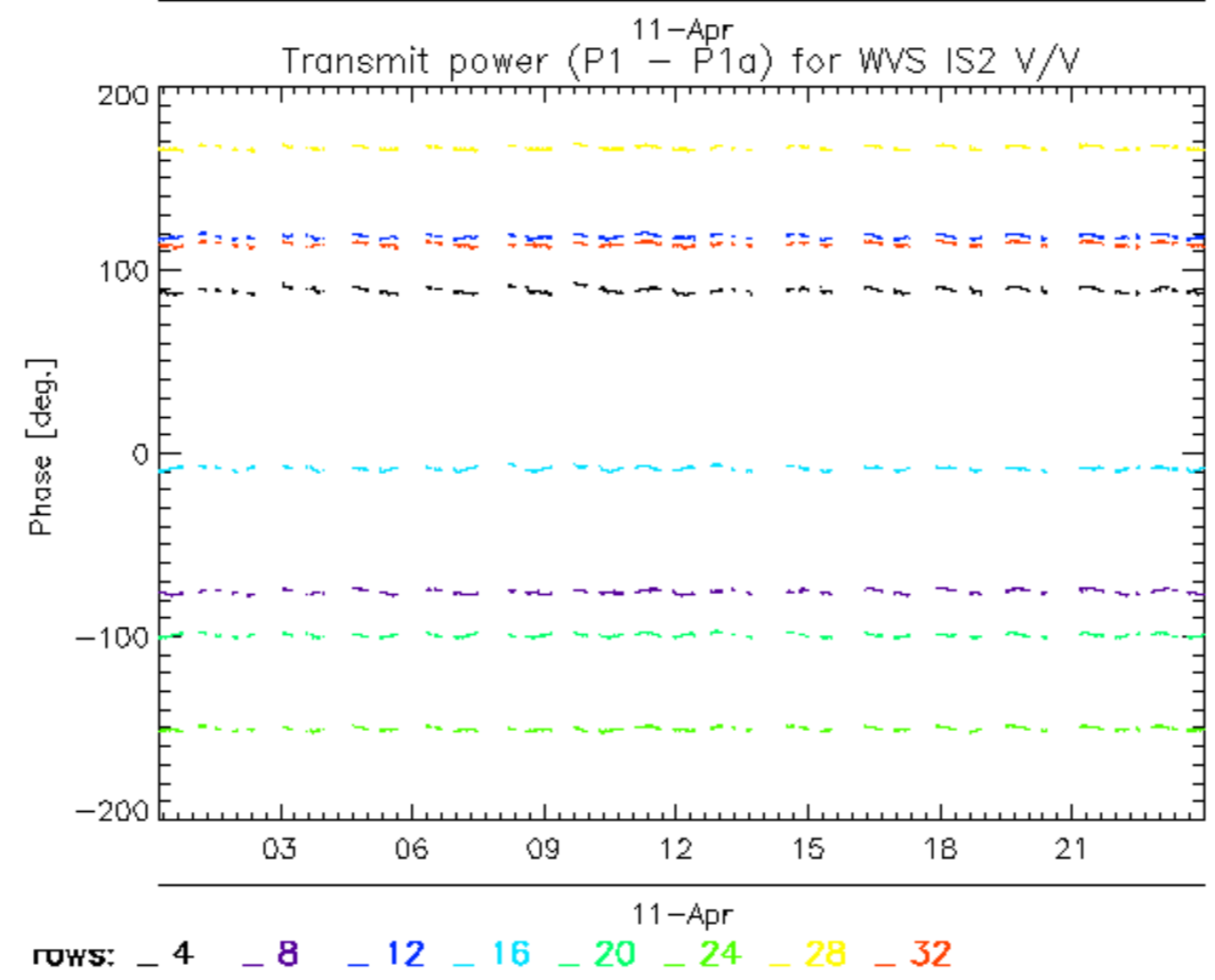
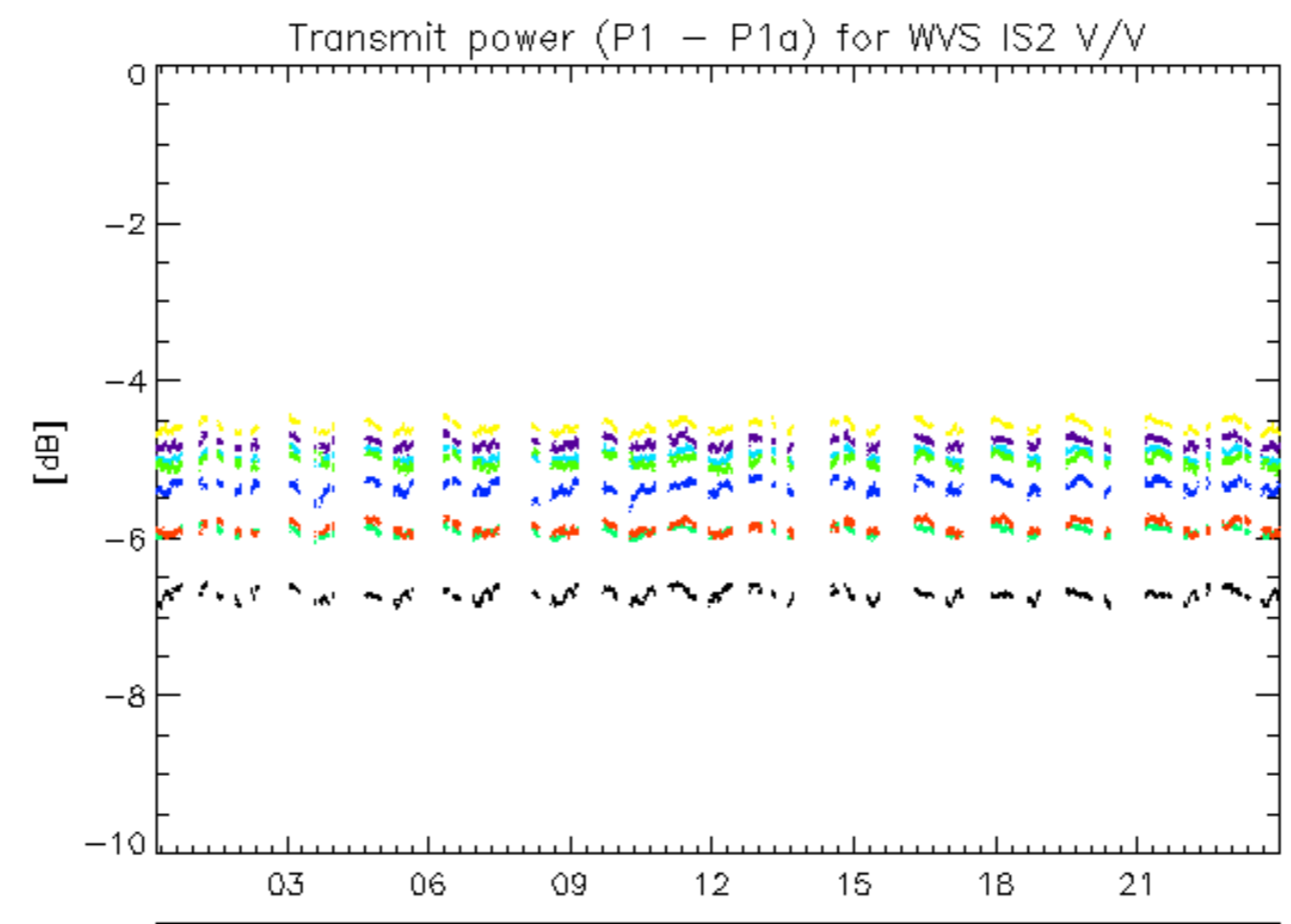


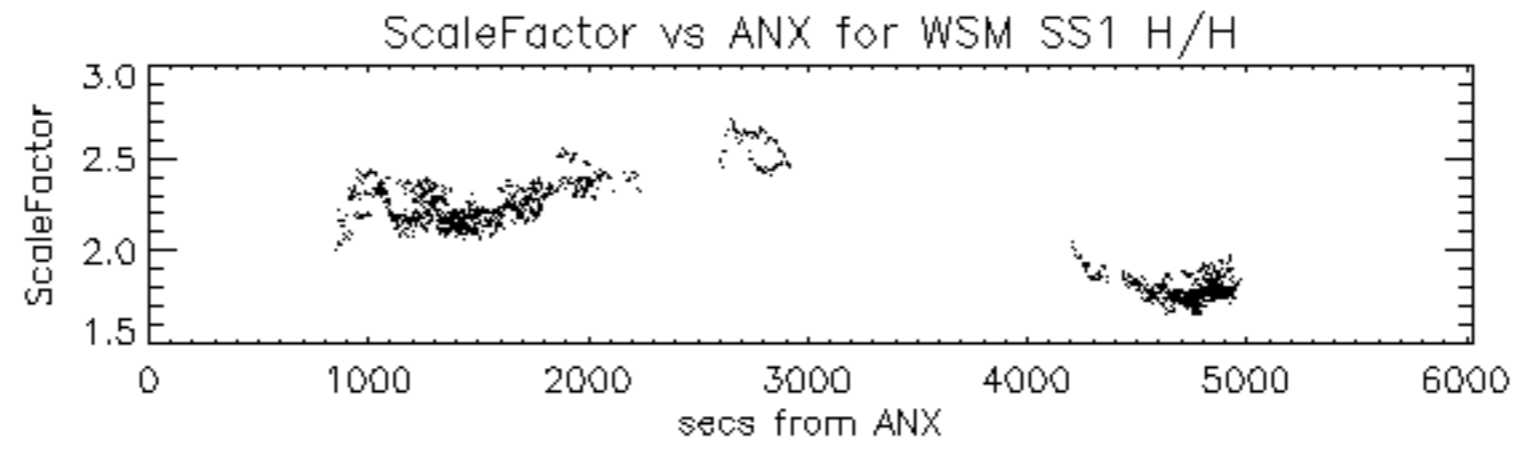


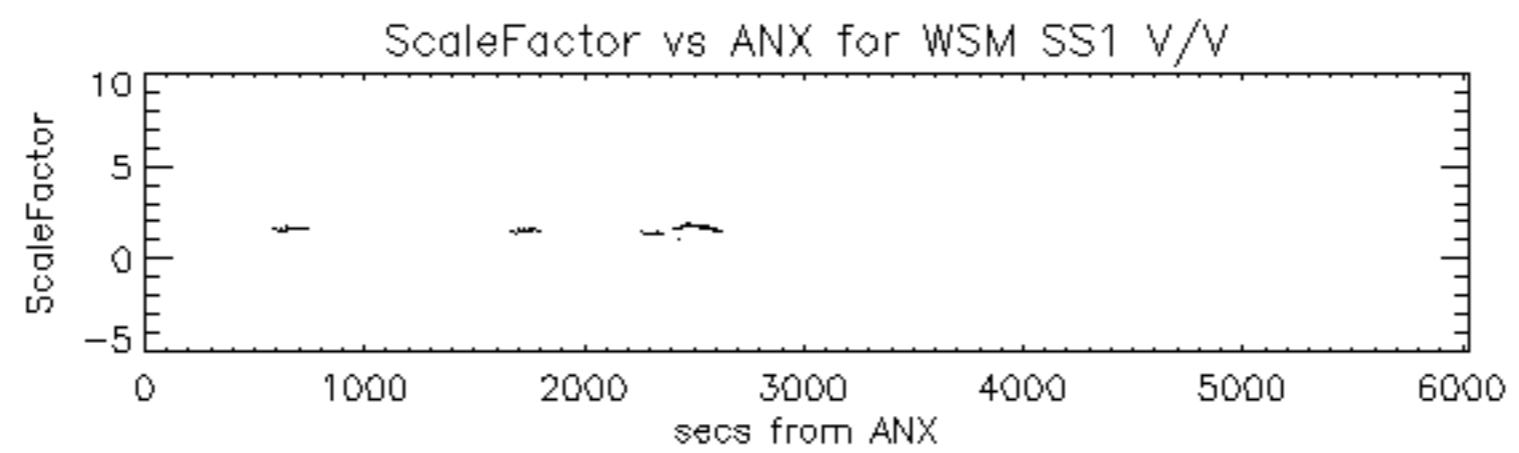


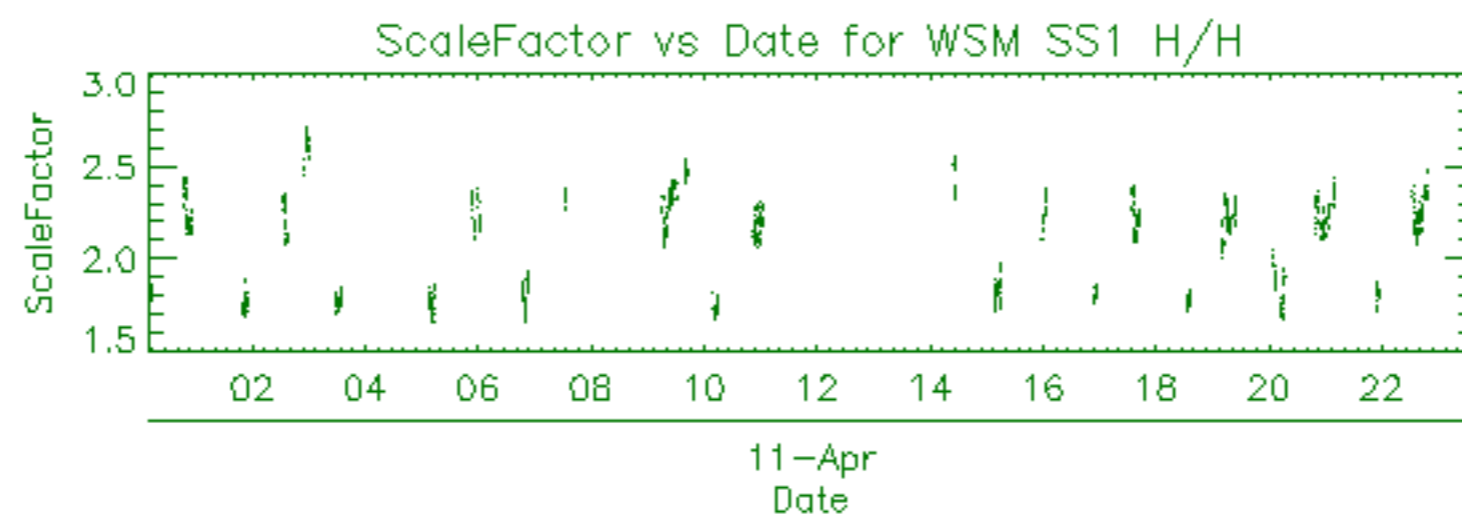


11-Apr  
rows: \_ 3 \_ 7 \_ 11 \_ 15 \_ 19 \_ 23 \_ 27 \_ 31

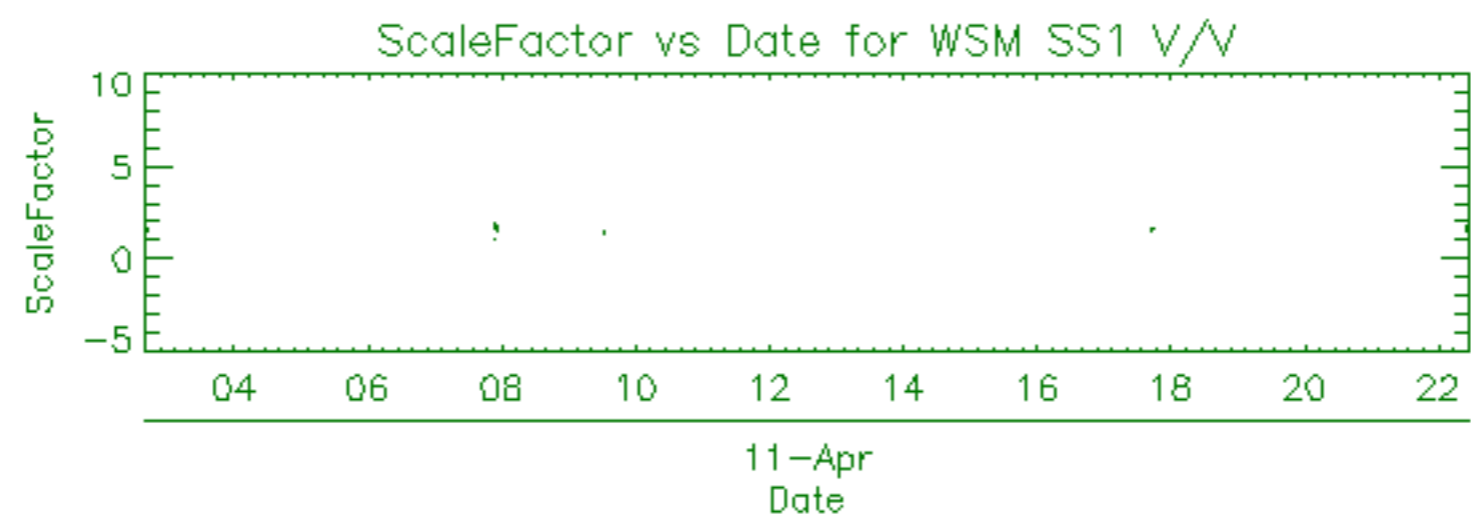












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_APM_1PNPDE20110411_013114_000000413101_00218_47646_1764.N1						IS4	V/H	101	47646	218	5.04
ASA_APM_1PNPDE20110411_022437_000000443101_00219_47647_1784.N1						IS4	H/H	101	47647	219	5.04
ASA_APM_1PNPDE20110411_030123_000001233101_00219_47647_1783.N1						IS4	V/V	101	47647	219	5.04
ASA_APM_1PNPDE20110411_040421_000000423101_00220_47648_1806.N1						IS3	H/H	101	47648	220	5.04
ASA_APM_1PNPDE20110411_093249_000000433101_00223_47651_1895.N1						IS2	H/H	101	47651	223	5.04
ASA_APM_1PNPDE20110411_174810_000000433101_00228_47656_1950.N1						IS5	H/H	101	47656	228	5.04
ASA_APM_1PNPDE20110411_174931_000000433101_00228_47656_1949.N1						IS5	H/H	101	47656	228	5.04

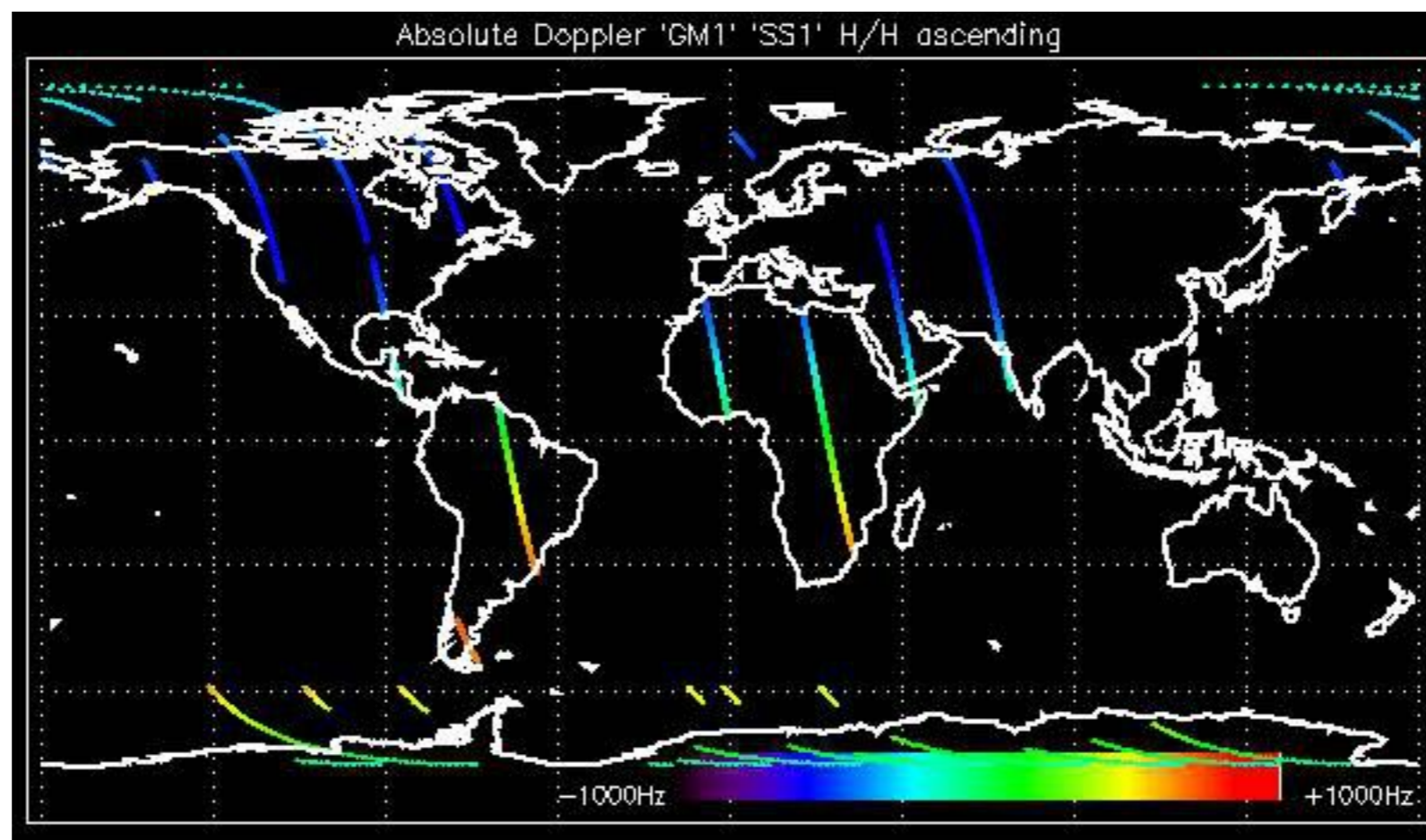
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ASA_GM1_1PNPDE20110411_001332_00000663101_00217_47645_1747.N1						SS1	H/H	101	47645	217	5.04
ASA_GM1_1PNPDE20110411_005638_000007793101_00218_47646_1766.N1						SS1	H/H	101	47646	218	5.04
ASA_GM1_1PNPDE20110411_012006_000006713101_00218_47646_1770.N1						SS1	H/H	101	47646	218	5.04
ASA_GM1_1PNPDE20110411_013856_000006653101_00218_47646_1773.N1						SS1	H/H	101	47646	218	5.04
ASA_GM1_1PNPDE20110411_020247_000007073101_00218_47646_1786.N1						SS1	H/H	101	47646	218	5.04
ASA_GM1_1PNPDE20110411_022540_000004223101_00219_47647_1787.N1						SS1	H/H	101	47647	219	5.04
ASA_GM1_1PNPDE20110411_023720_000001443101_00219_47647_1788.N1						SS1	H/H	101	47647	219	5.04
ASA_GM1_1PNPDE20110411_024221_000005073101_00219_47647_1791.N1						SS1	H/H	101	47647	219	5.04
ASA_GM1_1PNPDE20110411_025139_000002233101_00219_47647_1799.N1						SS1	H/H	101	47647	219	5.04
ASA_GM1_1PNPDE20110411_031930_000005433101_00219_47647_1809.N1						SS1	H/H	101	47647	219	5.04
ASA_GM1_1PNPDE20110411_033655_000001813101_00219_47647_1811.N1						SS1	H/H	101	47647	219	5.04
ASA_GM1_1PNPDE20110411_035440_000002113101_00220_47648_1813.N1						SS1	H/H	101	47648	220	5.04
ASA_GM1_1PNPDE20110411_040021_000002413101_00220_47648_1814.N1						SS1	H/H	101	47648	220	5.04
ASA_GM1_1PNPDE20110411_040524_000015173101_00220_47648_1815.N1						SS1	H/H	101	47648	220	5.04
ASA_GM1_1PNPDE20110411_043314_000004283101_00220_47648_1819.N1						SS1	H/H	101	47648	220	5.04
ASA_GM1_1PNPDE20110411_045922_000005013101_00220_47648_1834.N1						SS1	H/H	101	47648	220	5.04
ASA_GM1_1PNPDE20110411_051326_000001143101_00220_47648_1835.N1						SS1	H/H	101	47648	220	5.04
ASA_GM1_1PNPDE20110411_054255_000006043101_00221_47649_1836.N1						SS1	H/H	101	47649	221	5.04
ASA_GM1_1PNPDE20110411_055539_000001993101_00221_47649_1837.N1						SS1	H/H	101	47649	221	5.04
ASA_GM1_1PNPDE20110411_060242_000004893101_00221_47649_1838.N1						SS1	H/H	101	47649	221	5.04
ASA_GM1_1PNPDE20110411_061333_000002833101_00221_47649_1841.N1						SS1	H/H	101	47649	221	5.04
ASA_GM1_1PNPDE20110411_062602_000002413101_00221_47649_1844.N1						SS1	H/H	101	47649	221	5.04
ASA_GM1_1PNPDK20110411_063937_000004043101_00221_47649_8641.N1						SS1	H/H	101	47649	221	5.04
ASA_GM1_1PNPDK20110411_065351_000001023101_00221_47649_8642.N1						SS1	H/H	101	47649	221	5.04
ASA_GM1_1PNPDK20110411_072931_000001203101_00222_47650_8643.N1						SS1	H/H	101	47650	222	5.04
ASA_GM1_1PNPDK20110411_073355_000004343101_00222_47650_8645.N1						SS1	H/H	101	47650	222	5.04
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ASA_GM1_1PNPDK20110411_080011_000002233101_00222_47650_8666.N1						SS1	H/H	101	47650	222	5.04
ASA_GM1_1PNPDK20110411_080812_000002593101_00222_47650_8667.N1						SS1	H/H	101	47650	222	5.04
ASA_GM1_1PNPDK20110411_081952_000009613101_00222_47650_8670.N1						SS1	H/H	101	47650	222	5.04
ASA_GM1_1PNPDK20110411_091049_000002593101_00223_47651_8673.N1						SS1	H/H	101	47651	223	5.04
ASA_GM1_1PNPDK20110411_093351_000002773101_00223_47651_8697.N1						SS1	H/H	101	47651	223	5.04
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ASA_GM1_1PNPDK20110411_160404_000007193101_00227_47655_8823.N1						SS1	H/H	101	47655	227	5.04
ASA_GM1_1PNPDK20110411_161836_00000723101_00227_47655_8824.N1						SS1	H/H	101	47655	227	5.04
ASA_GM1_1PNPDK20110411_164102_000007853101_00227_47655_8826.N1						SS1	H/H	101	47655	227	5.04
ASA_GM1_1PNPDK20110411_171722_000009363101_00228_47656_8828.N1						SS1	H/H	101	47656	228	5.04
ASA_GM1_1PNPDK20110411_173145_000001323101_00228_47656_8847.N1						SS1	H/H	101	47656	228	5.04
ASA_GM1_1PNPDK20110411_174402_000002473101_00228_47656_8848.N1						SS1	H/H	101	47656	228	5.04
ASA_GM1_1PNPDK20110411_175036_000001023101_00228_47656_8849.N1						SS1	H/H	101	47656	228	5.04
ASA_GM1_1PNPDK20110411_182116_000007013101_00228_47656_8851.N1						SS1	H/H	101	47656	228	5.04
ASA_GM1_1PNPDK20110411_185552_000007613101_00229_47657_8853.N1						SS1	H/H	101	47657	229	5.04
ASA_GM1_1PNPDK20110411_192032_000001143101_00229_47657_8876.N1						SS1	H/H	101	47657	229	5.04
ASA_GM1_1PNPDK20110411_192546_000001873101_00229_47657_8877.N1						SS1	H/H	101	47657	229	5.04
ASA_GM1_1PNPDK20110411_200129_000001693101_00229_47657_8878.N1						SS1	H/H	101	47657	229	5.04
ASA_GM1_1PNPDK20110411_200733_000002893101_00229_47657_8880.N1						SS1	H/H	101	47657	229	5.04
ASA_GM1_1PNPDK20110411_202616_000010273101_00229_47657_8885.N1						SS1	H/H	101	47657	229	5.04
ASA_GM1_1PNPDE20110411_205331_000001023101_00230_47658_1958.N1						SS1	H/H	101	47658	230	5.04
ASA_GM1_1PNPDE20110411_210130_000001143101_00230_47658_1959.N1						SS1	H/H	101	47658	230	5.04
ASA_GM1_1PNPDE20110411_210506_000001573101_00230_47658_1961.N1						SS1	H/H	101	47658	230	5.04
ASA_GM1_1PNPDE20110411_214144_000007193101_00230_47658_1963.N1						SS1	H/H	101	47658	230	5.04
ASA_GM1_1PNPDE20110411_215622_000000783101_00230_47658_1966.N1						SS1	H/H	101	47658	230	5.04
ASA_GM1_1PNPDE20110411_215622_000000783101_00230_47658_1970.N1						SS1	H/H	101	47658	230	5.04
ASA_GM1_1PNPDE20110411_221610_000004833101_00231_47659_1983.N1						SS1	H/H	101	47659	231	5.04
ASA_GM1_1PNPDE20110411_224054_000000783101_00231_47659_1984.N1						SS1	H/H	101	47659	231	5.04
ASA_GM1_1PNPDE20110411_224457_000001203101_00231_47659_1986.N1						SS1	H/H	101	47659	231	5.04
ASA_GM1_1PNPDE20110411_231225_000000963101_00231_47659_1988.N1						SS1	H/H	101	47659	231	5.04
ASA_GM1_1PNPDE20110411_232158_000006223101_00231_47659_1990.N1						SS1	H/H	101	47659	231	5.04
ASA_GM1_1PNPDE20110411_233643_000000723101_00231_47659_1998.N1						SS1	H/H	101	47659	231	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_IMM_1PNPDE20110411_011155_000000673101_00218_47646_1762.N1						IS6	H/H	101	47646	218	5.04
ASA_IMM_1PNPDE20110411_025049_000000383101_00219_47647_1781.N1						IS4	H/H	101	47647	219	5.04
ASA_IMM_1PNPDE20110411_033953_000001583101_00219_47647_1807.N1						IS6	H/H	101	47647	219	5.04
ASA_IMM_1PNPDE20110411_043042_000001423101_00220_47648_1805.N1						IS6	V/V	101	47648	220	5.04
ASA_IMM_1PNPDE20110411_054110_000000483101_00221_47649_1832.N1						IS1	V/V	101	47649	221	5.04
ASA_IMM_1PNPDE20110411_054204_000000373101_00221_47649_1831.N1						IS6	H/H	101	47649	221	5.04
ASA_IMM_1PNPDE20110411_061047_000001583101_00221_47649_1828.N1						IS6	H/H	101	47649	221	5.04
ASA_IMM_1PNPDE20110411_075806_000001133101_00222_47650_1865.N1						IS4	H/H	101	47650	222	5.04
ASA_IMM_1PNPDE20110411_080356_000002493101_00222_47650_1868.N1						IS2	V/V	101	47650	222	5.04
ASA_IMM_1PNPDE20110411_175220_000001703101_00228_47656_1952.N1						IS6	H/H	101	47656	228	5.04
ASA_IMM_1PNPDE20110411_213448_000000443101_00230_47658_1971.N1						IS6	H/H	101	47658	230	5.04
ASA_IMM_1PNPDE20110411_213448_000000443101_00230_47658_1967.N1						IS6	H/H	101	47658	230	5.04
ASA_IMM_1PNPDE20110411_231407_000000343101_00231_47659_2003.N1						IS4	H/H	101	47659	231	5.04
ASA_IMM_1PNPDE20110411_234352_000000383101_00231_47659_2000.N1						IS5	V/V	101	47659	231	5.04

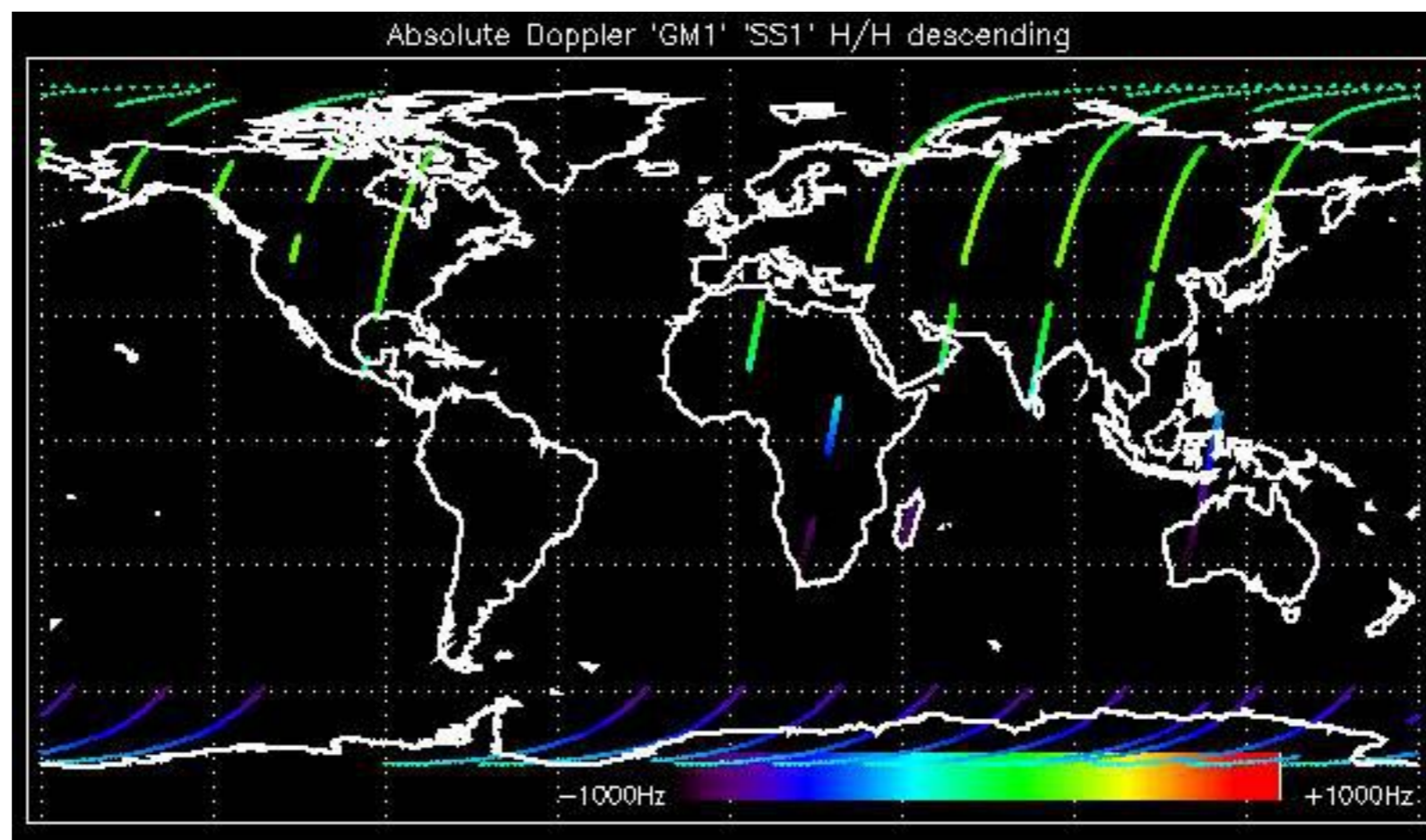
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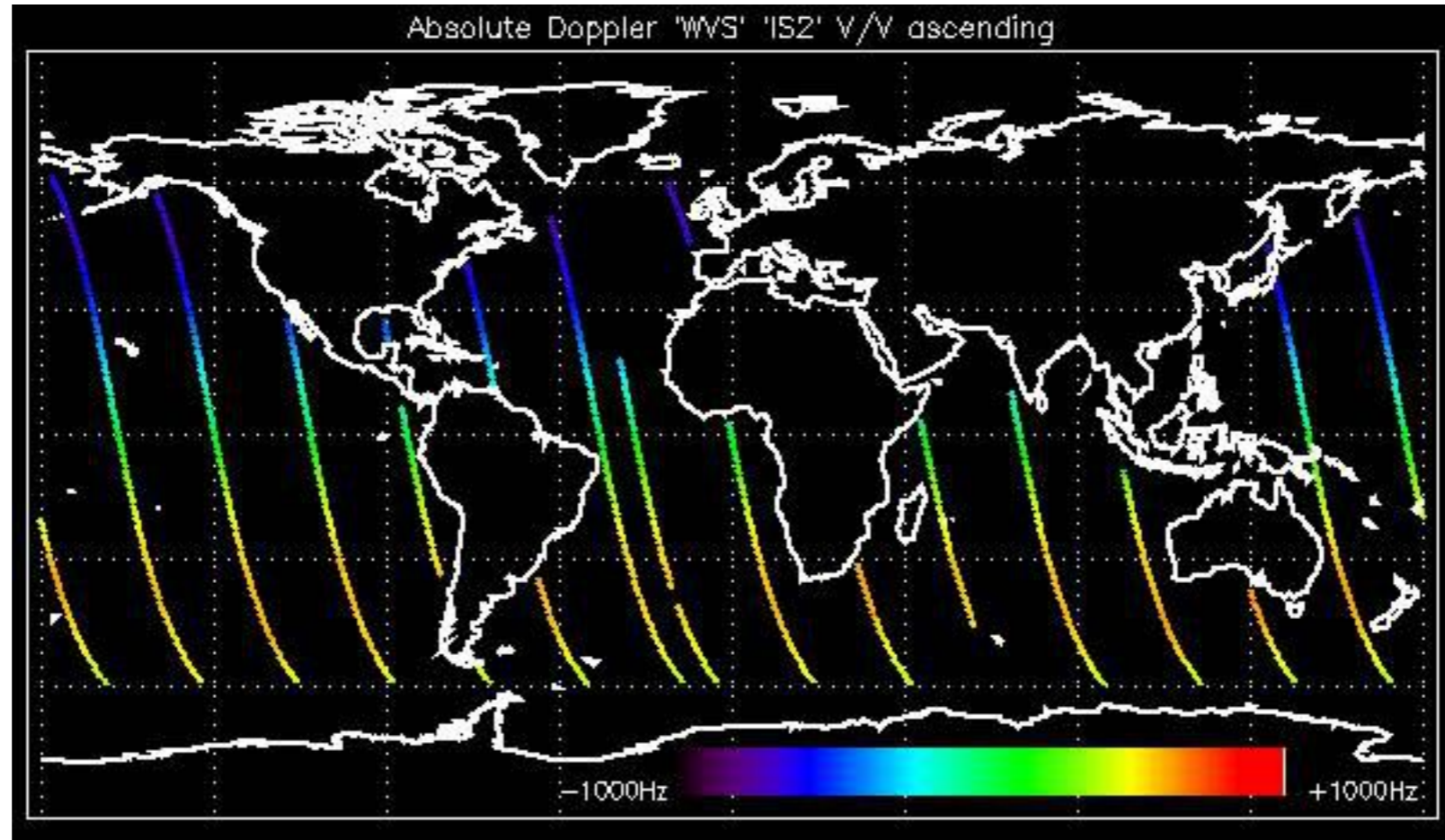
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ASA_WSM_1PNPDE20110411_004703_000005693101_00218_47646_1763.N1						SS1	H/H	101	47646	218	5.04
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ASA_WSM_1PNPDE20110411_023248_000002693101_00219_47647_1789.N1						SS1	H/H	101	47647	219	5.04
ASA_WSM_1PNPDE20110411_023949_000001473101_00219_47647_1790.N1						SS1	V/V	101	47647	219	5.04
ASA_WSM_1PNPDE20110411_025522_000003003101_00219_47647_1782.N1						SS1	H/H	101	47647	219	5.04
ASA_WSM_1PNPDE20110411_032839_000003923101_00219_47647_1804.N1						SS1	H/H	101	47647	219	5.04
ASA_WSM_1PNPDE20110411_050747_000003363101_00220_47648_1829.N1						SS1	H/H	101	47648	220	5.04
ASA_WSM_1PNPDE20110411_055304_000001473101_00221_47649_1830.N1						SS1	H/H	101	47649	221	5.04
ASA_WSM_1PNPDE20110411_055904_000002143101_00221_47649_1827.N1						SS1	H/H	101	47649	221	5.04
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ASA_WSM_1PNPDK20110411_073140_000001283101_00222_47650_8654.N1						SS1	H/H	101	47650	222	5.04
ASA_WSM_1PNPDE20110411_075246_000002513101_00222_47650_1863.N1						SS1	V/V	101	47650	222	5.04
ASA_WSM_1PNPDK20110411_091513_000001533101_00223_47651_8671.N1						SS1	H/H	101	47651	223	5.04
ASA_WSM_1PNPDK20110411_091745_000001353101_00223_47651_8668.N1						SS1	H/H	101	47651	223	5.04
ASA_WSM_1PNPDE20110411_091929_000002513101_00223_47651_1893.N1						SS1	H/H	101	47651	223	5.04
ASA_WSM_1PNPDK20110411_092404_000002513101_00223_47651_8681.N1						SS1	H/H	101	47651	223	5.04
ASA_WSM_1PNPDK20110411_092904_000000923101_00223_47651_8683.N1						SS1	H/H	101	47651	223	5.04
ASA_WSM_1PNPDE20110411_093039_000001223101_00223_47651_1894.N1						SS1	V/V	101	47651	223	5.04
ASA_WSM_1PNPDE20110411_093832_000002143101_00223_47651_1896.N1						SS1	H/H	101	47651	223	5.04
ASA_WSM_1PNPDE20110411_100929_000003303101_00223_47651_1915.N1						SS1	H/H	101	47651	223	5.04
ASA_WSM_1PNPDE20110411_105153_000002513101_00224_47652_1916.N1						SS1	H/H	101	47652	224	5.04
ASA_WSM_1PNPDK20110411_105649_000000923101_00224_47652_8696.N1						SS1	H/H	101	47652	224	5.04
ASA_WSM_1PNPDK20110411_105859_000002083101_00224_47652_8703.N1						SS1	H/H	101	47652	224	5.04
ASA_WSM_1PNPDK20110411_105859_000002083101_00224_47652_8701.N1						SS1	H/H	101	47652	224	5.04
ASA_WSM_1PNPDE20110411_142445_000001713101_00226_47654_1938.N1						SS1	H/H	101	47654	226	5.04
ASA_WSM_1PNPDE20110411_150732_000002453101_00226_47654_1939.N1						SS1	H/H	101	47654	226	5.04
ASA_WSM_1PNPDE20110411_151338_000001533101_00226_47654_1940.N1						SS1	H/H	101	47654	226	5.04
ASA_WSM_1PNPDE20110411_155822_000003363101_00227_47655_1943.N1						SS1	H/H	101	47655	227	5.04
ASA_WSM_1PNPDE20110411_165412_000001533101_00227_47655_1942.N1						SS1	H/H	101	47655	227	5.04
ASA_WSM_1PNPDK20110411_173406_000002513101_00228_47656_8836.N1						SS1	H/H	101	47656	228	5.04
ASA_WSM_1PNPDE20110411_173749_000002453101_00228_47656_1945.N1						SS1	H/H	101	47656	228	5.04
ASA_WSM_1PNPDE20110411_174224_000000923101_00228_47656_1951.N1						SS1	V/V	101	47656	228	5.04
ASA_WSM_1PNPDE20110411_183258_000002393101_00228_47656_1948.N1						SS1	H/H	101	47656	228	5.04
ASA_WSM_1PNPDK20110411_190836_000002453101_00229_47657_8861.N1						SS1	H/H	101	47657	229	5.04
ASA_WSM_1PNPDK20110411_191347_000003983101_00229_47657_8862.N1						SS1	H/H	101	47657	229	5.04
ASA_WSM_1PNPDE20110411_191347_000000923101_00229_47657_1953.N1						SS1	H/H	101	47657	229	5.04
ASA_WSM_1PNPDE20110411_192232_000001903101_00229_47657_1955.N1						SS1	H/H	101	47657	229	5.04
ASA_WSM_1PNPDE20110411_200424_000001843101_00229_47657_1956.N1						SS1	H/H	101	47657	229	5.04
ASA_WSM_1PNPDE20110411_201227_000002753101_00229_47657_1954.N1						SS1	H/H	101	47657	229	5.04
ASA_WSM_1PNPDK20110411_204858_000001653101_00230_47658_8881.N1						SS1	H/H	101	47658	230	5.04
ASA_WSM_1PNPDK20110411_205154_000000923101_00230_47658_8884.N1						SS1	H/H	101	47658	230	5.04
ASA_WSM_1PNPDE20110411_205520_000003673101_00230_47658_1964.N1						SS1	H/H	101	47658	230	5.04
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ASA_WSM_1PNPDE20110411_210749_000000923101_00230_47658_1973.N1						SS1	H/H	101	47658	230	5.04
ASA_WSM_1PNPDE20110411_215347_000001533101_00230_47658_1957.N1						SS1	H/H	101	47658	230	5.04
ASA_WSM_1PNPDE20110411_222418_000001903101_00231_47659_1981.N1						SS1	V/V	101	47659	231	5.04
ASA_WSM_1PNPDK20110411_223208_000002513101_00231_47659_8896.N1						SS1	H/H	101	47659	231	5.04
ASA_WSM_1PNPDE20110411_223649_000002393101_00231_47659_2004.N1						SS1	H/H	101	47659	231	5.04
ASA_WSM_1PNPDE20110411_224219_000001533101_00231_47659_2001.N1						SS1	H/H	101	47659	231	5.04
ASA_WSM_1PNPDE20110411_224705_000000923101_00231_47659_2002.N1						SS1	H/H	101	47659	231	5.04
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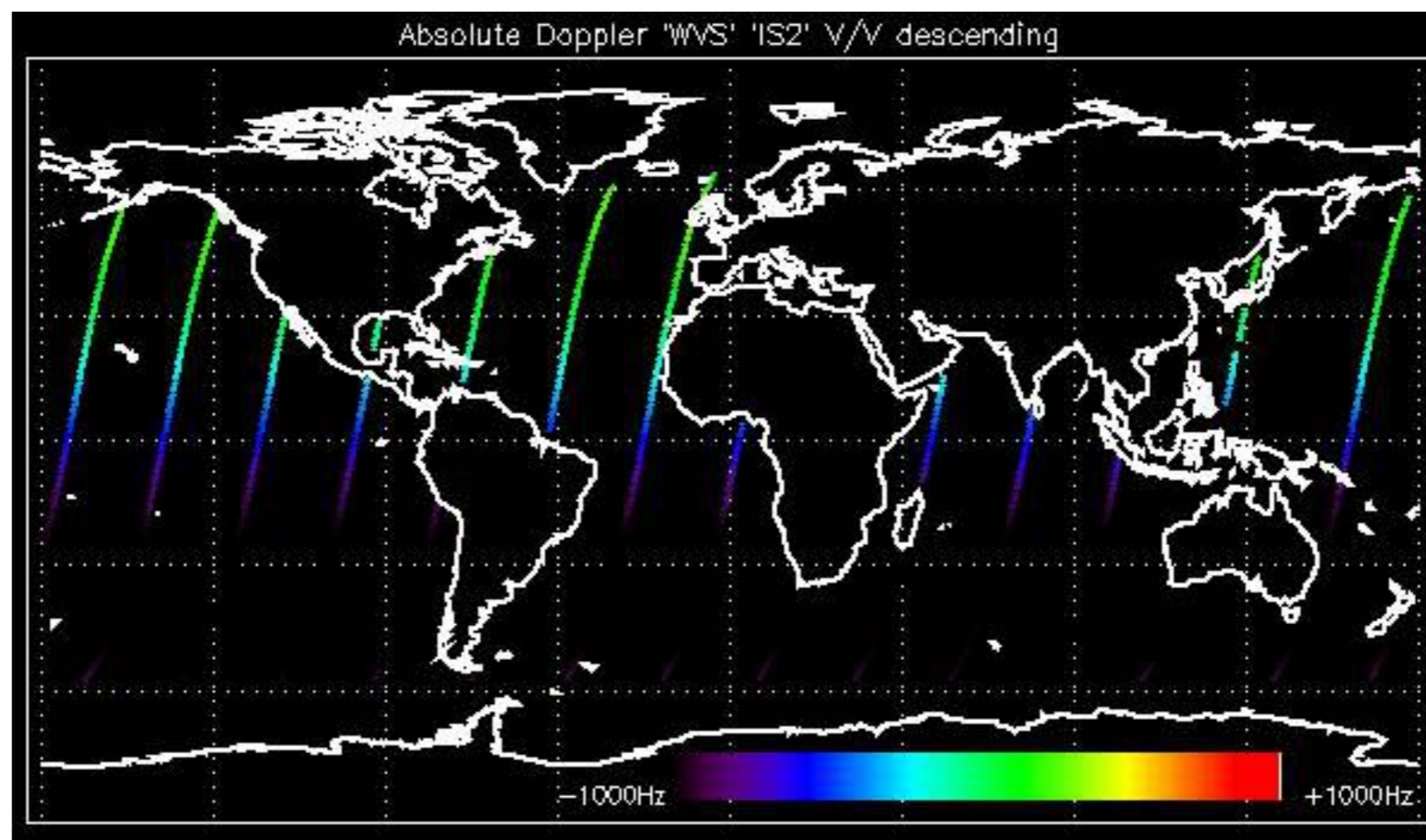
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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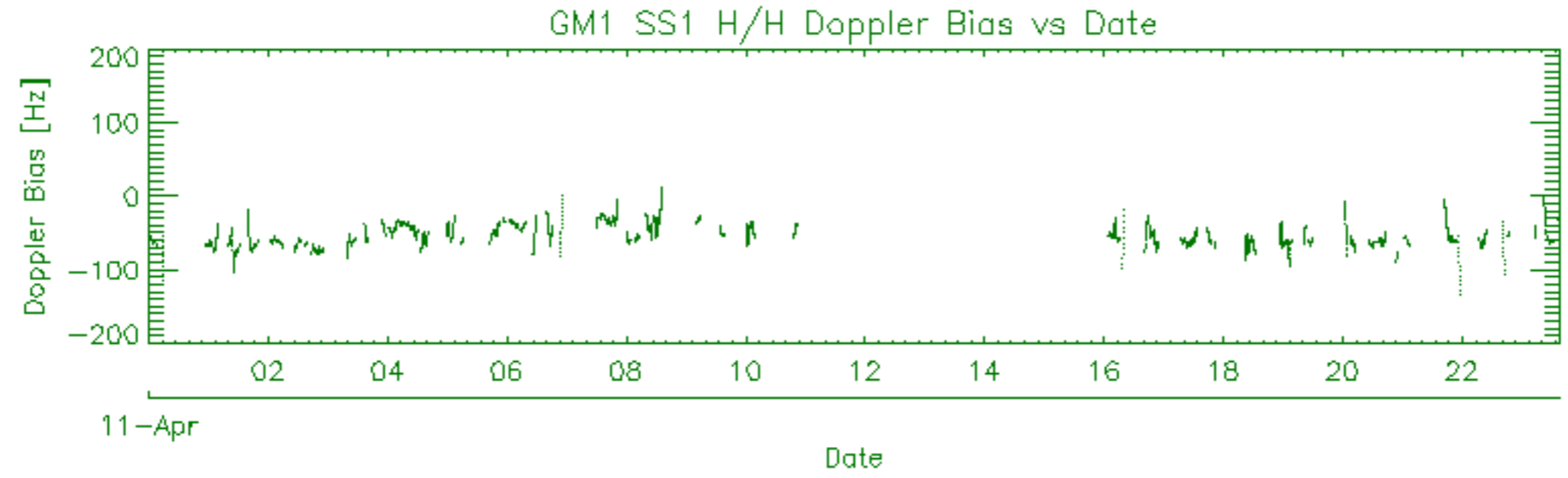
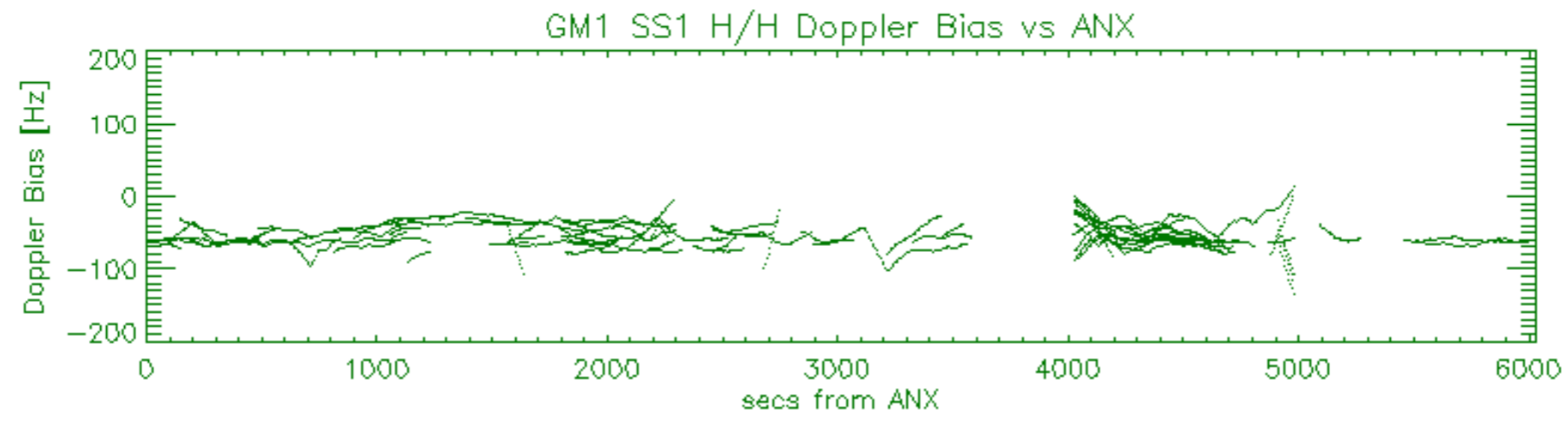
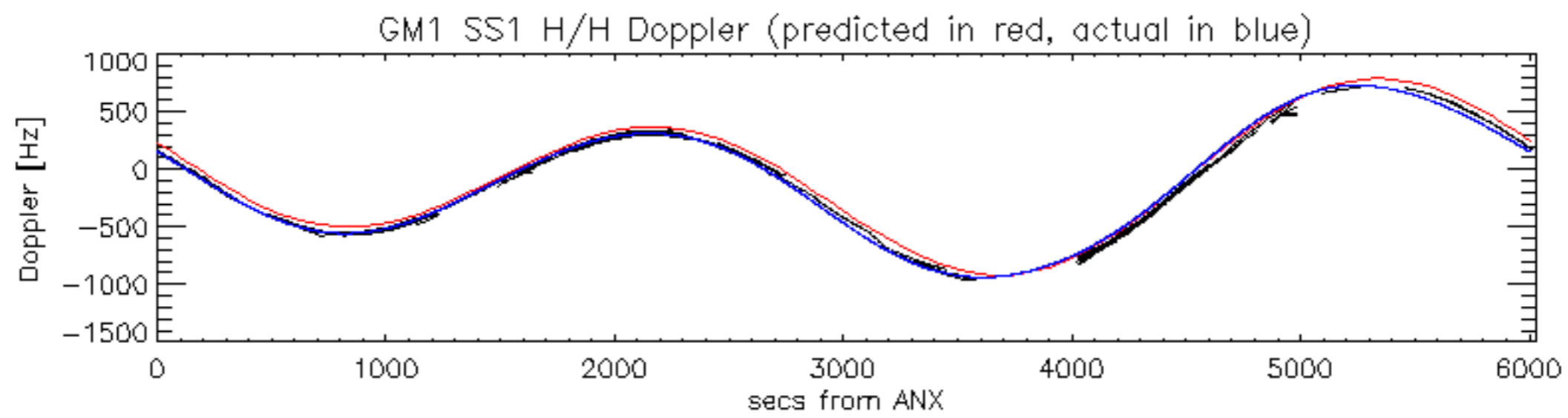


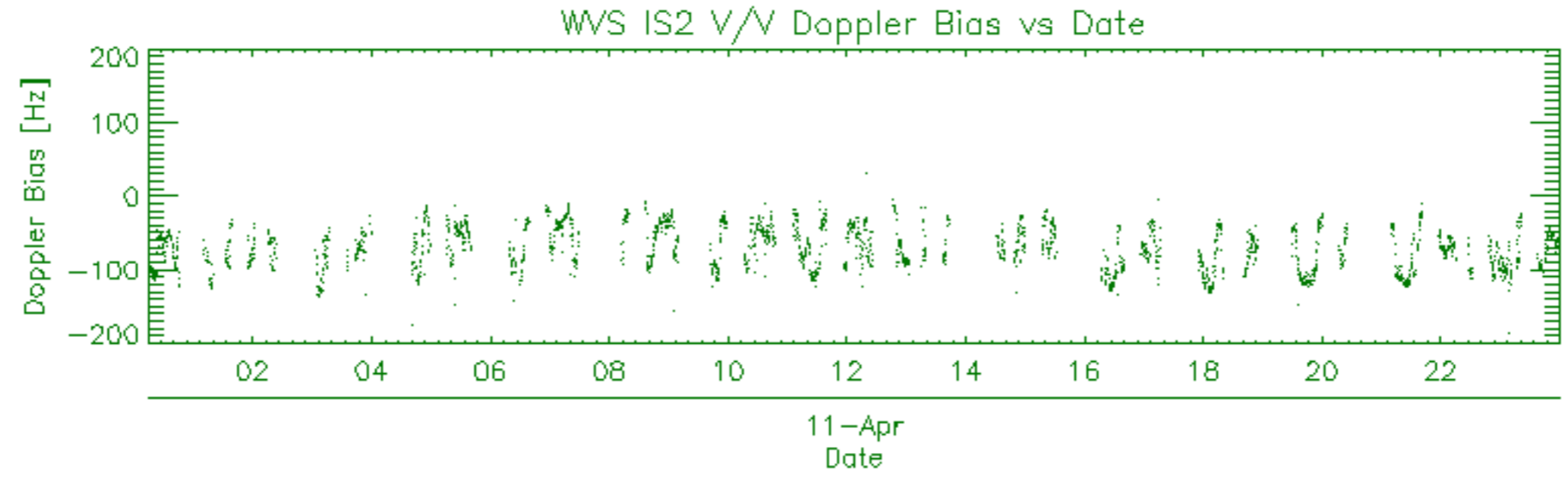
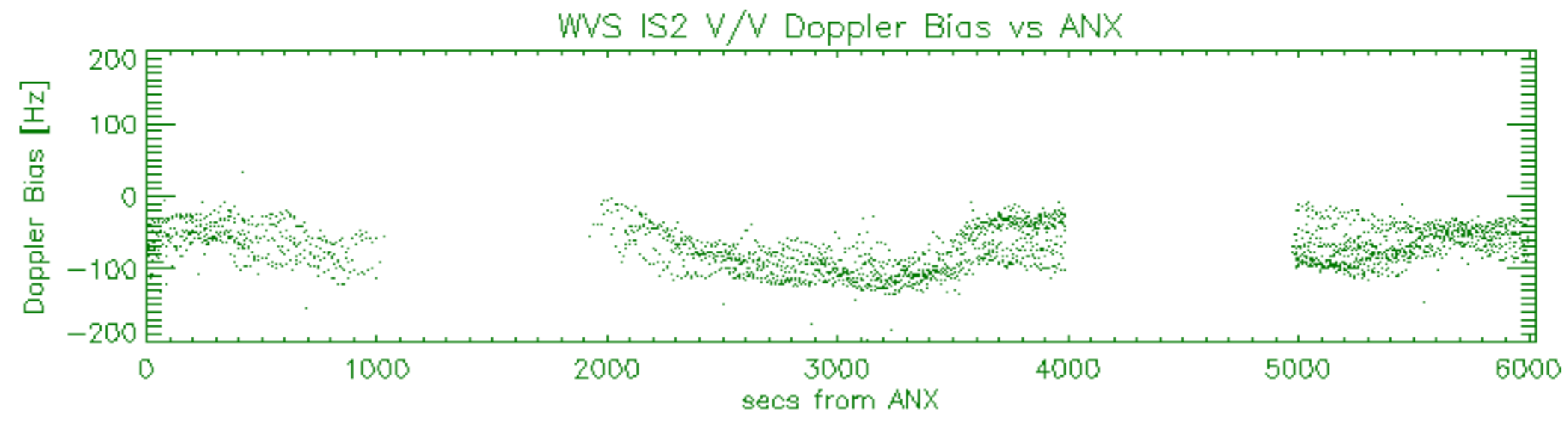
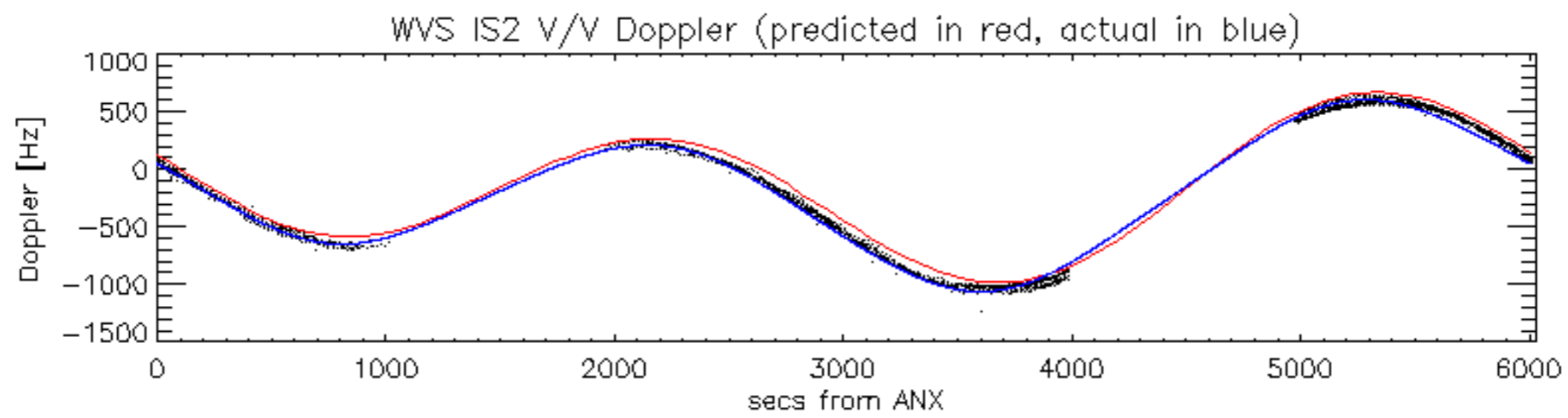


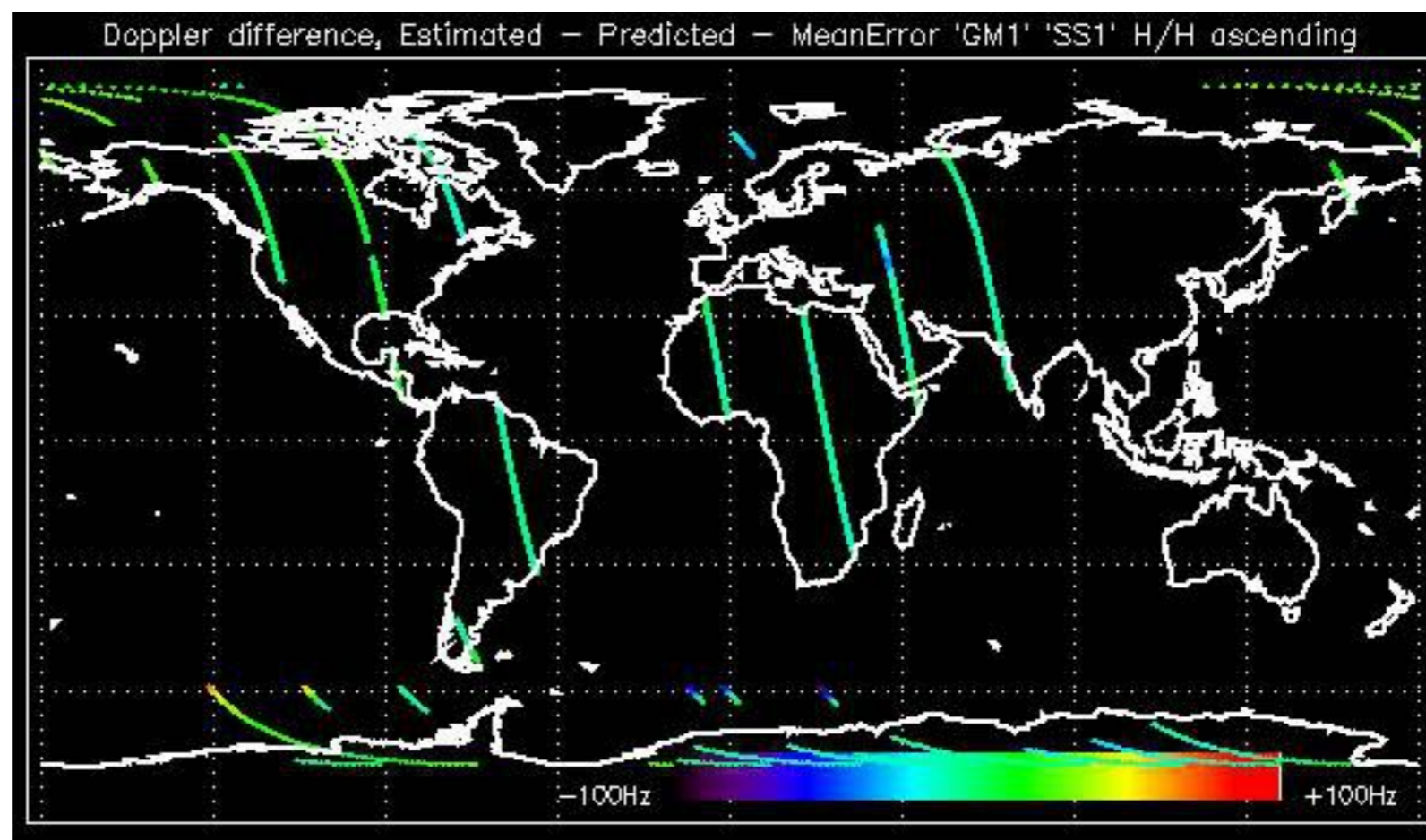


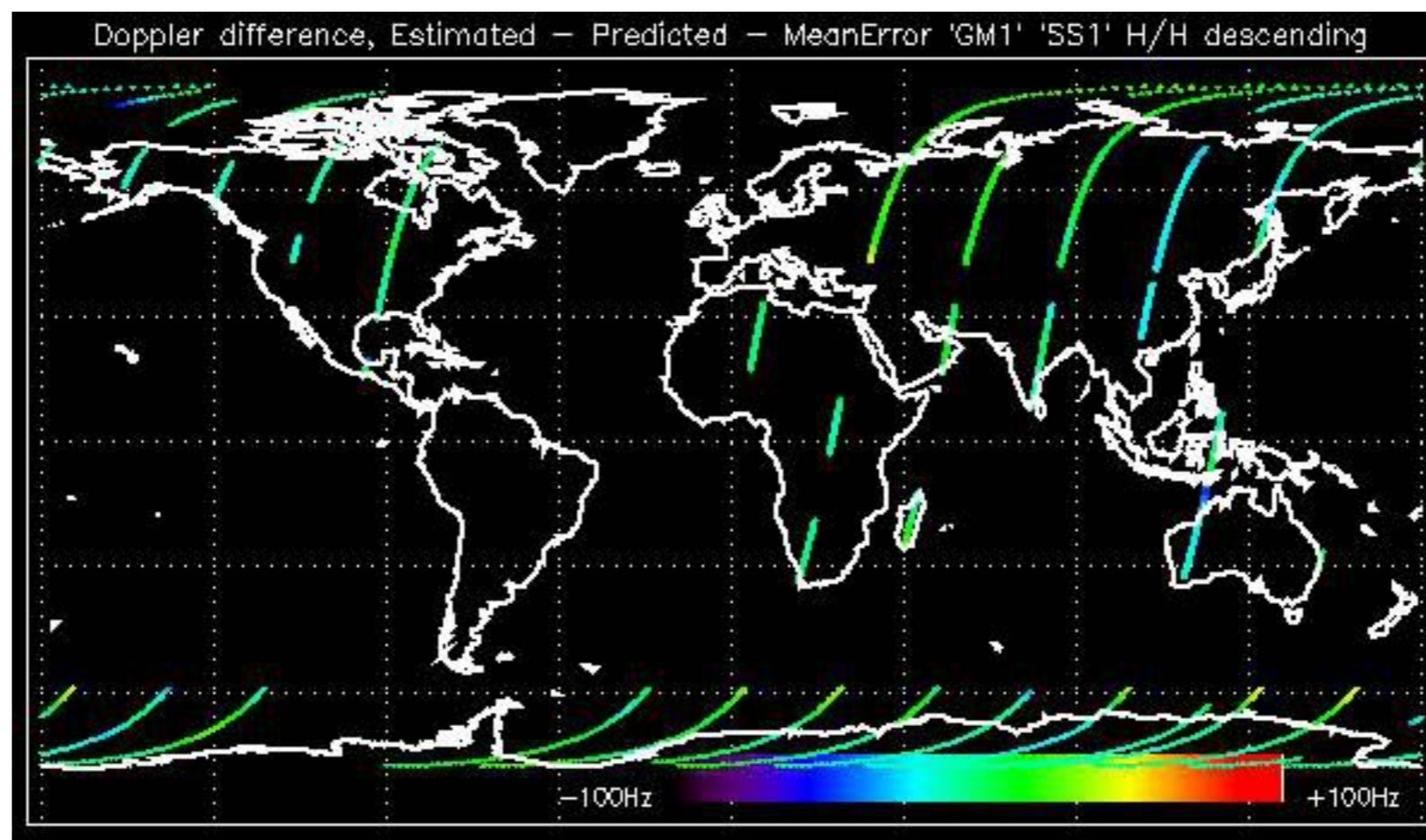


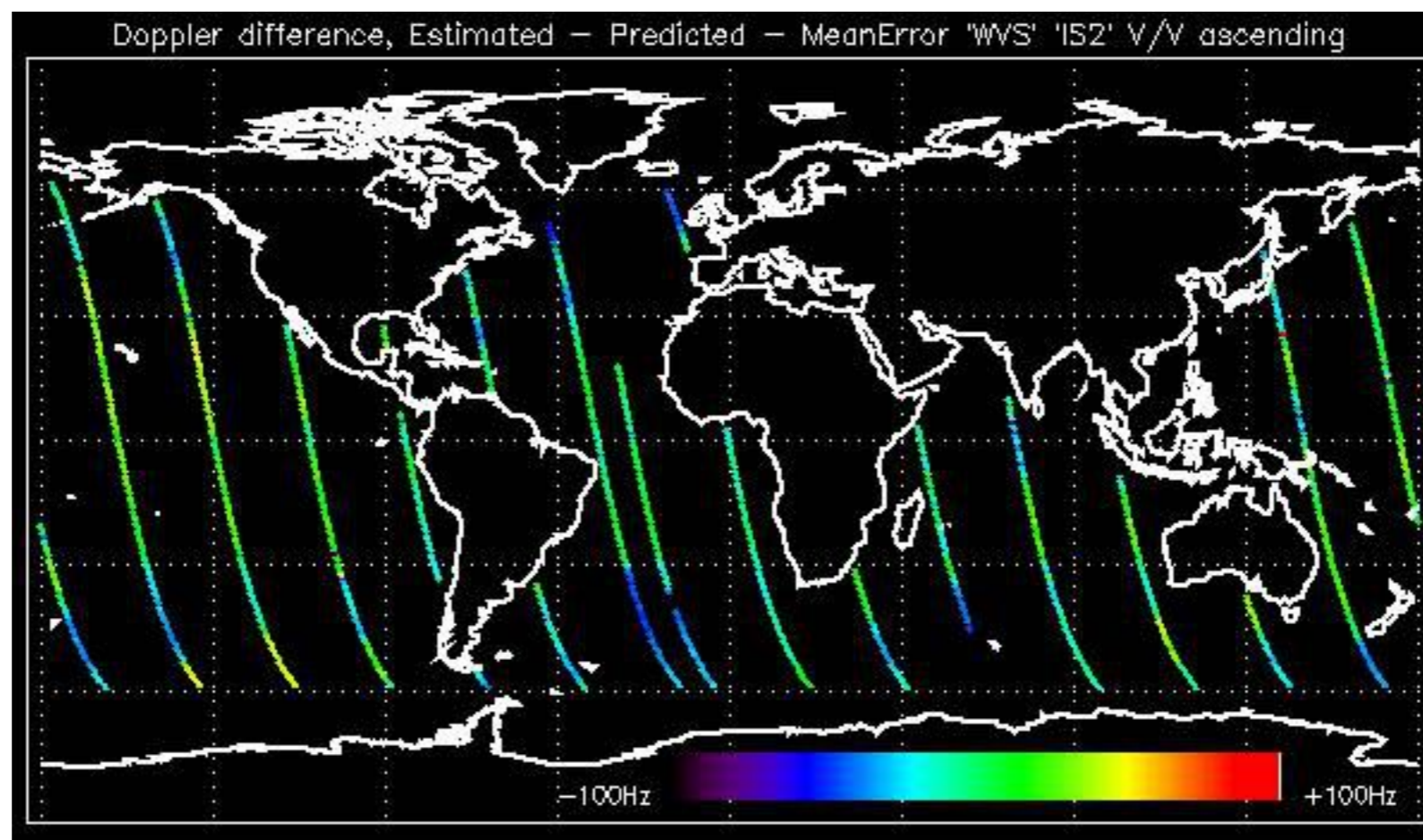




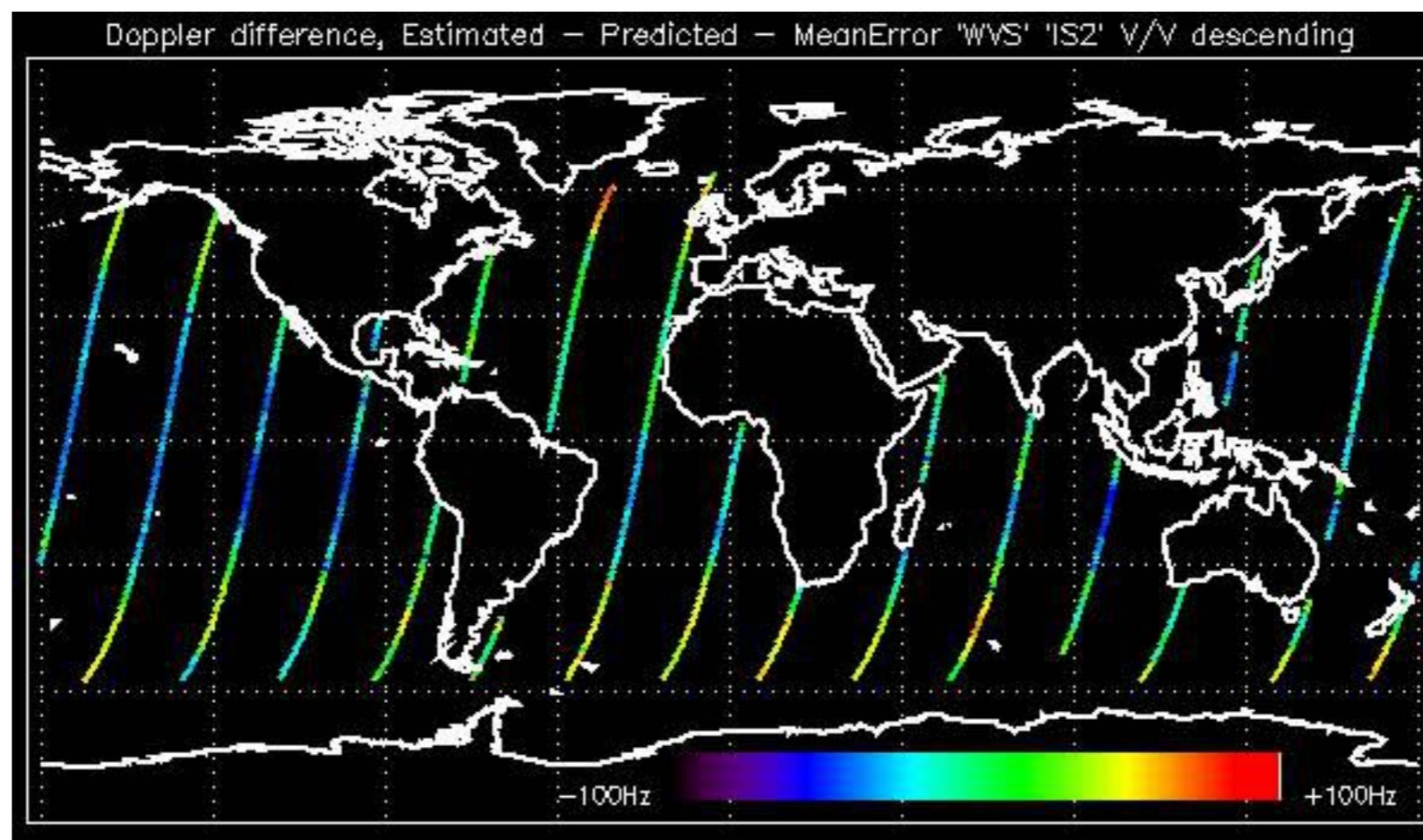


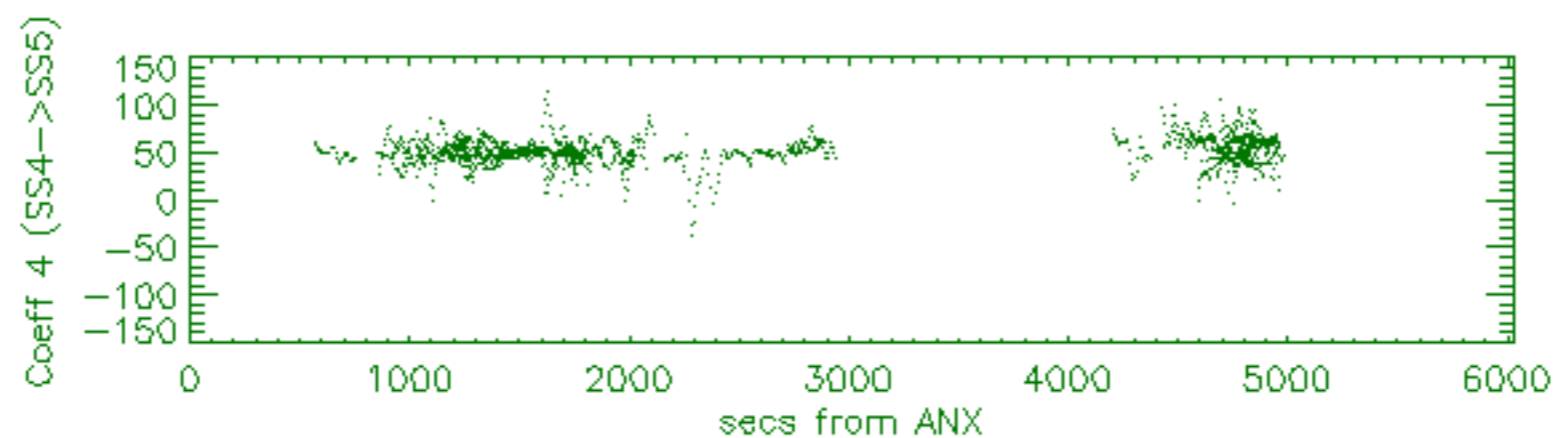
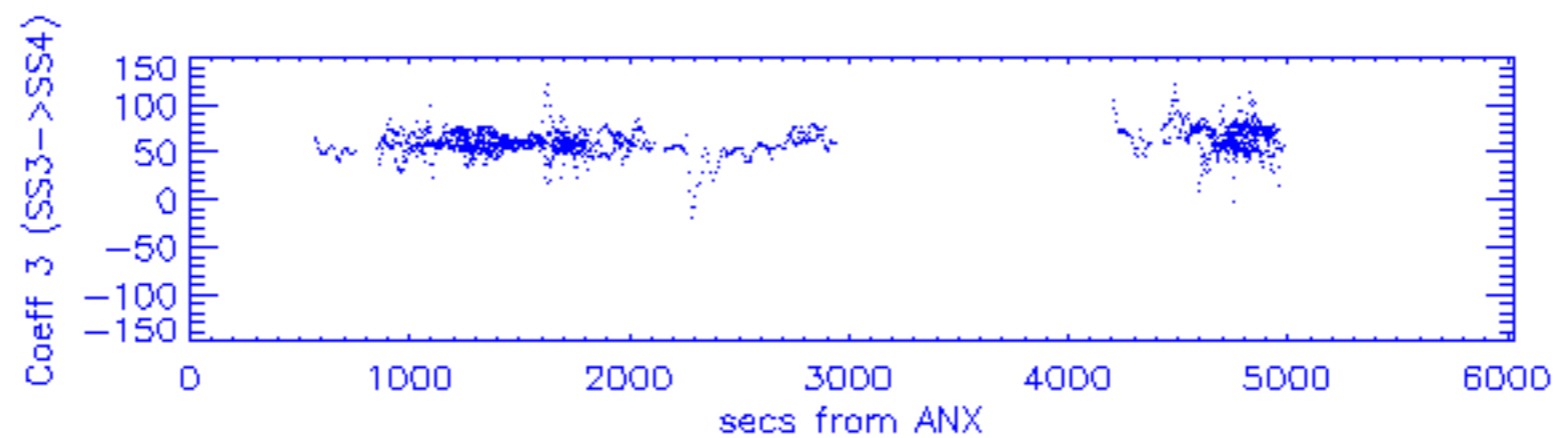
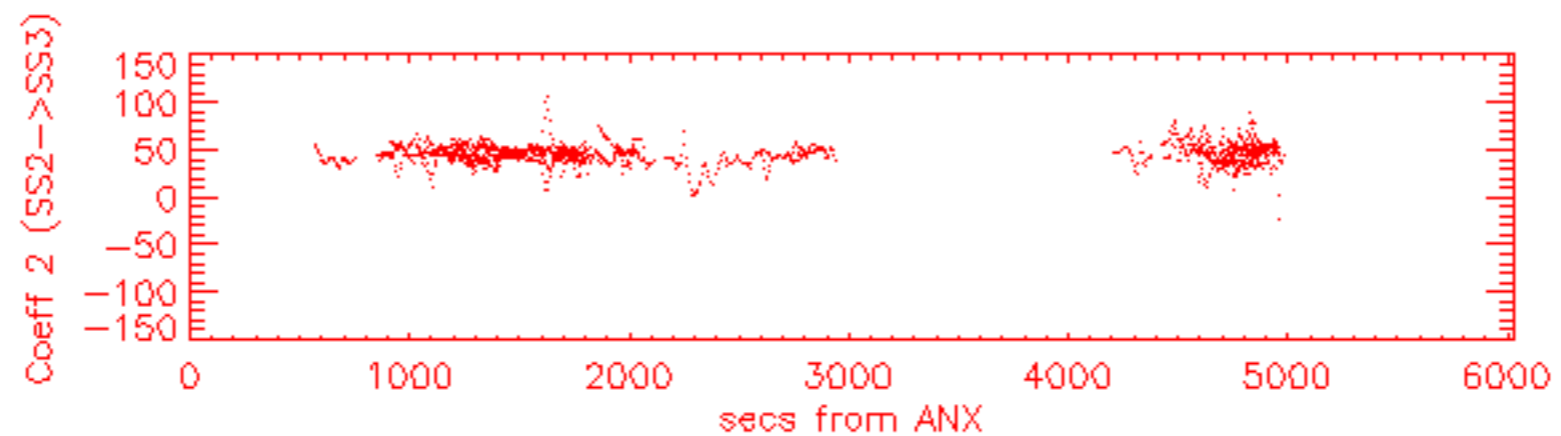
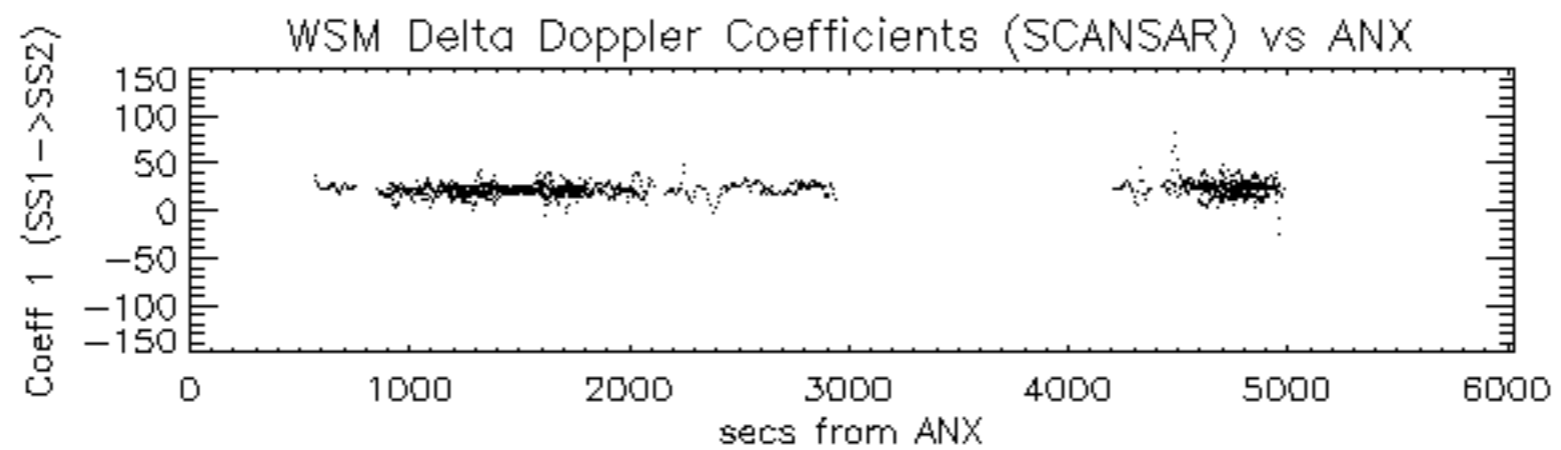


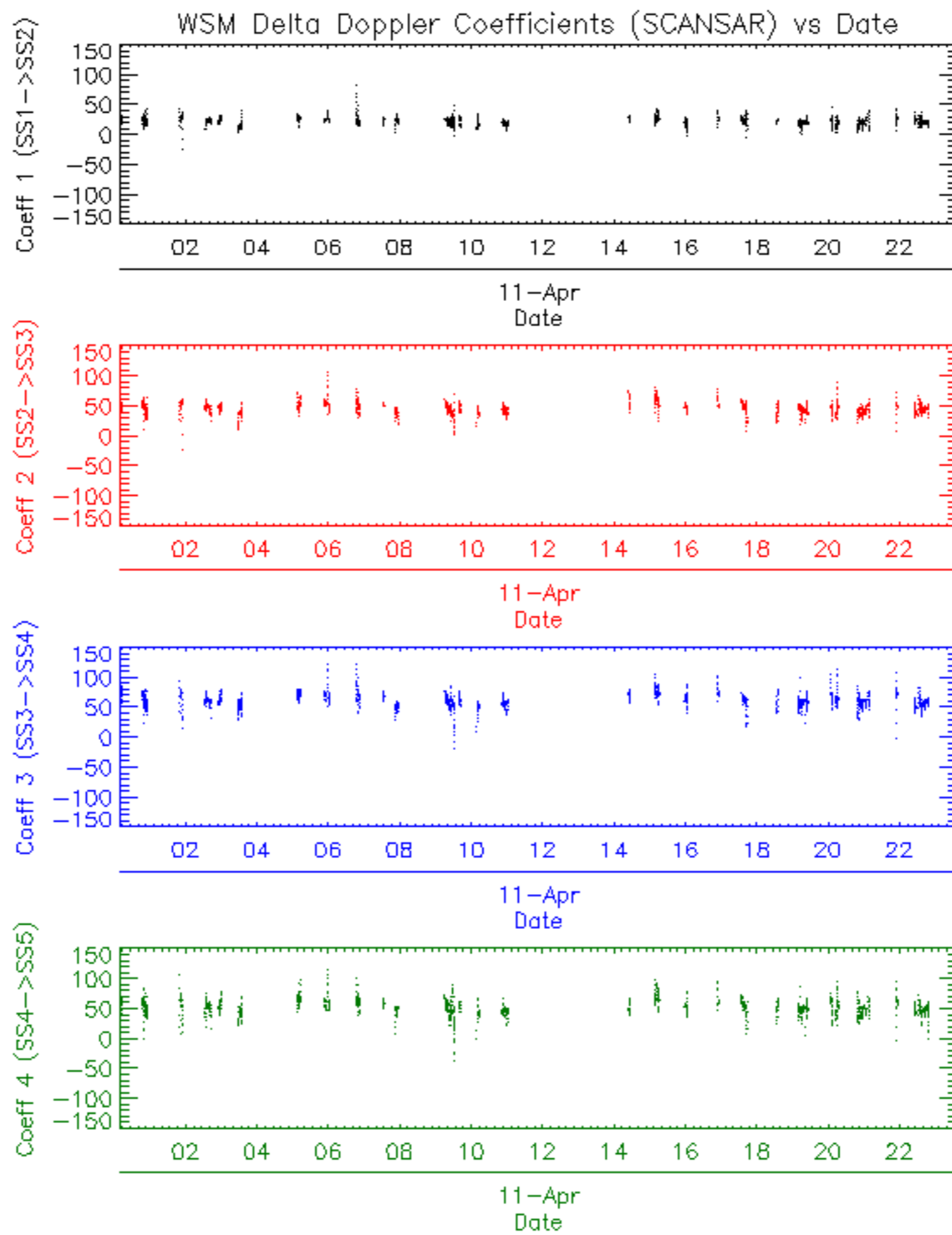




















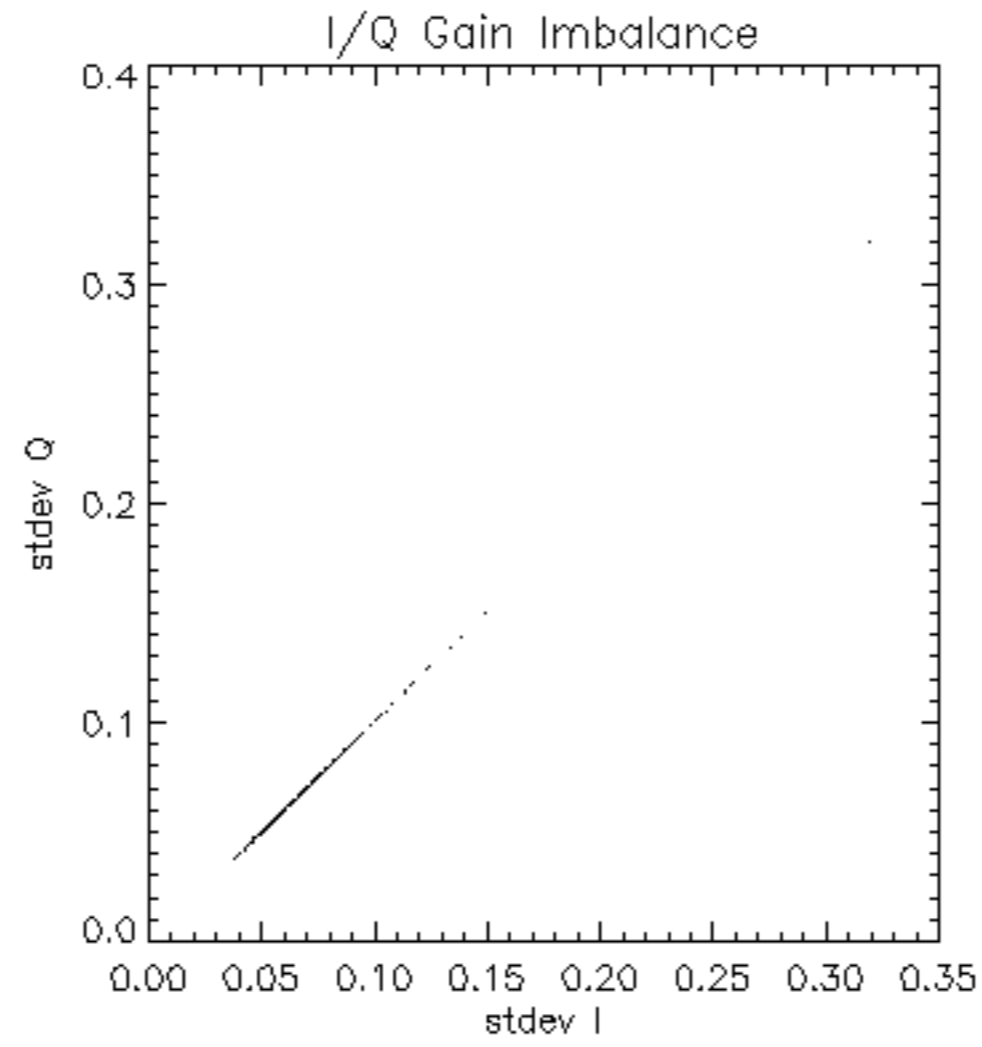


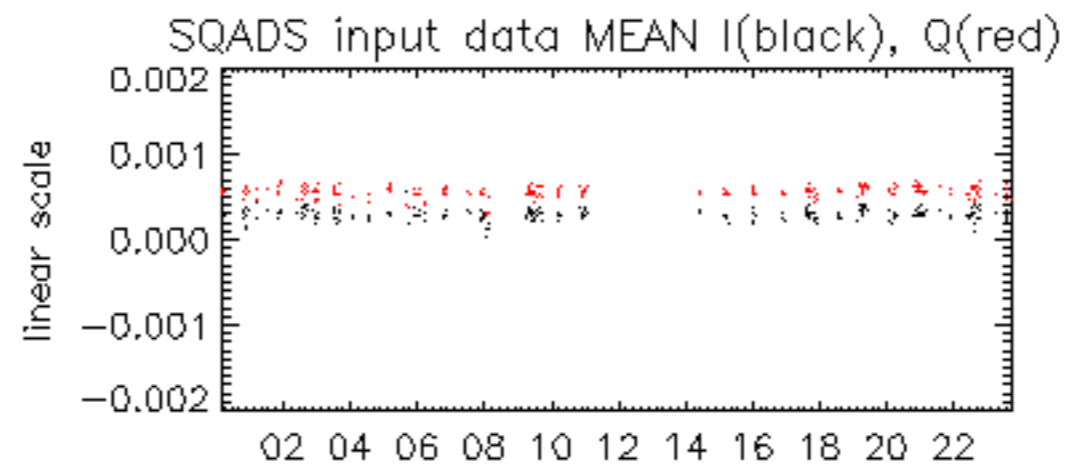




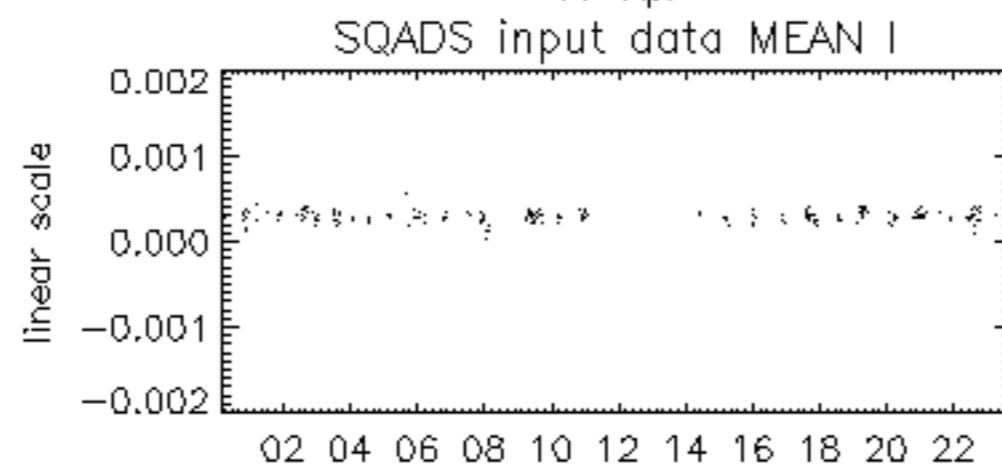




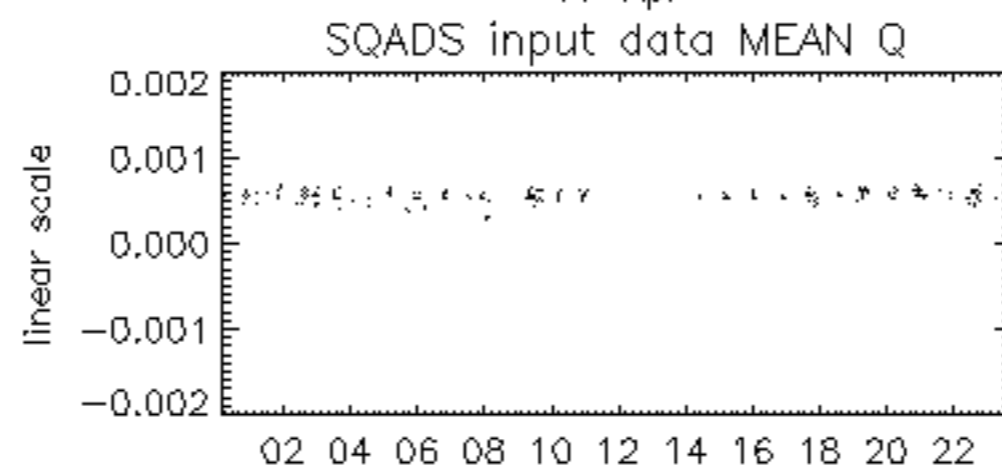




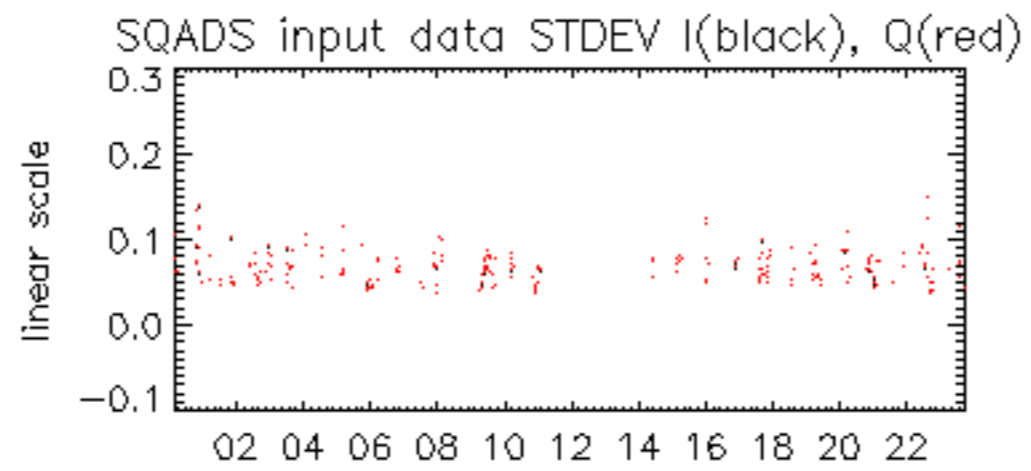
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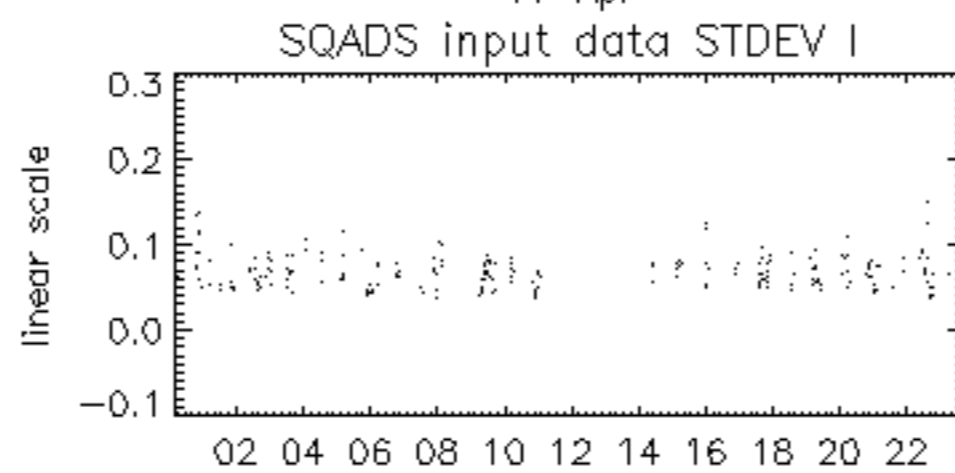
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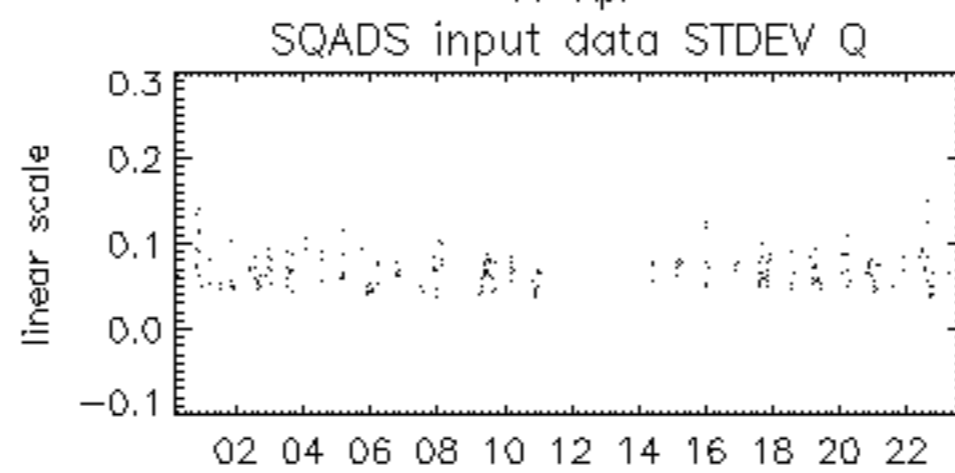
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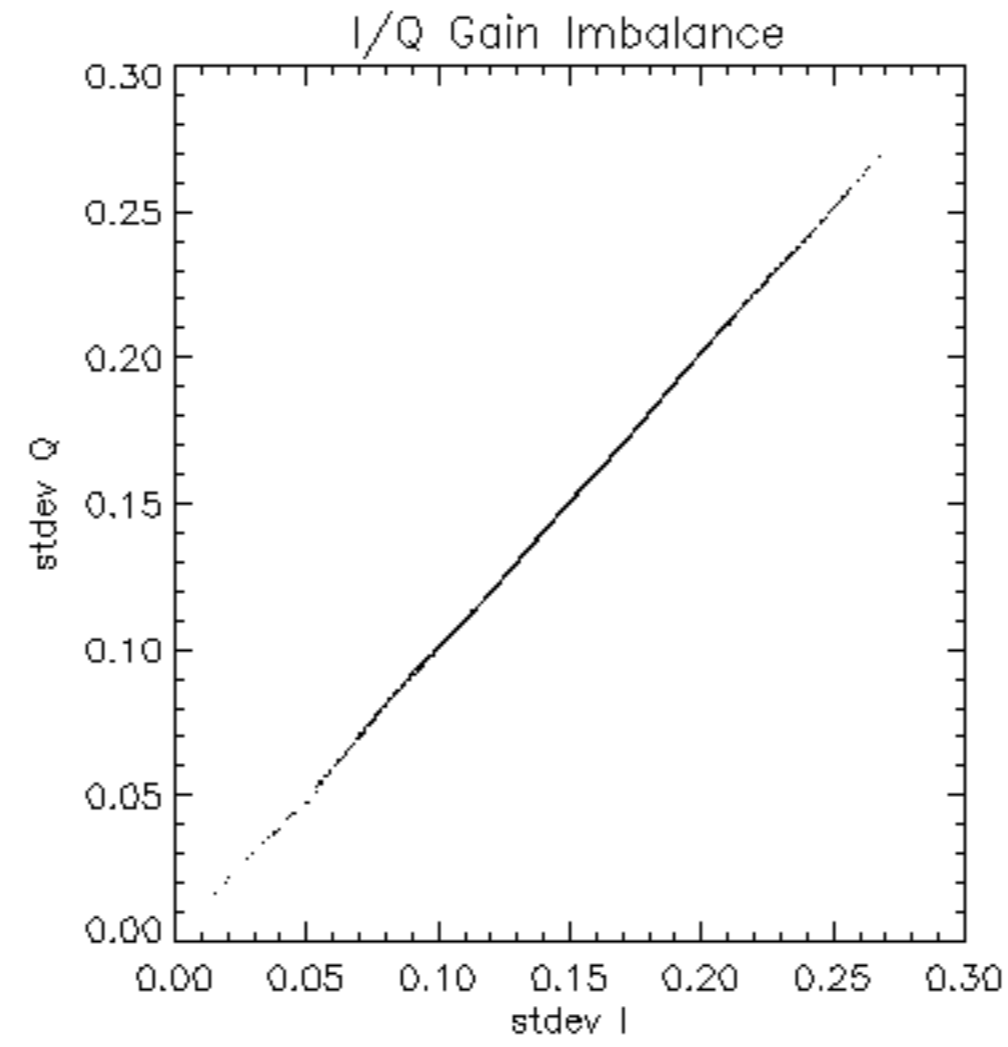
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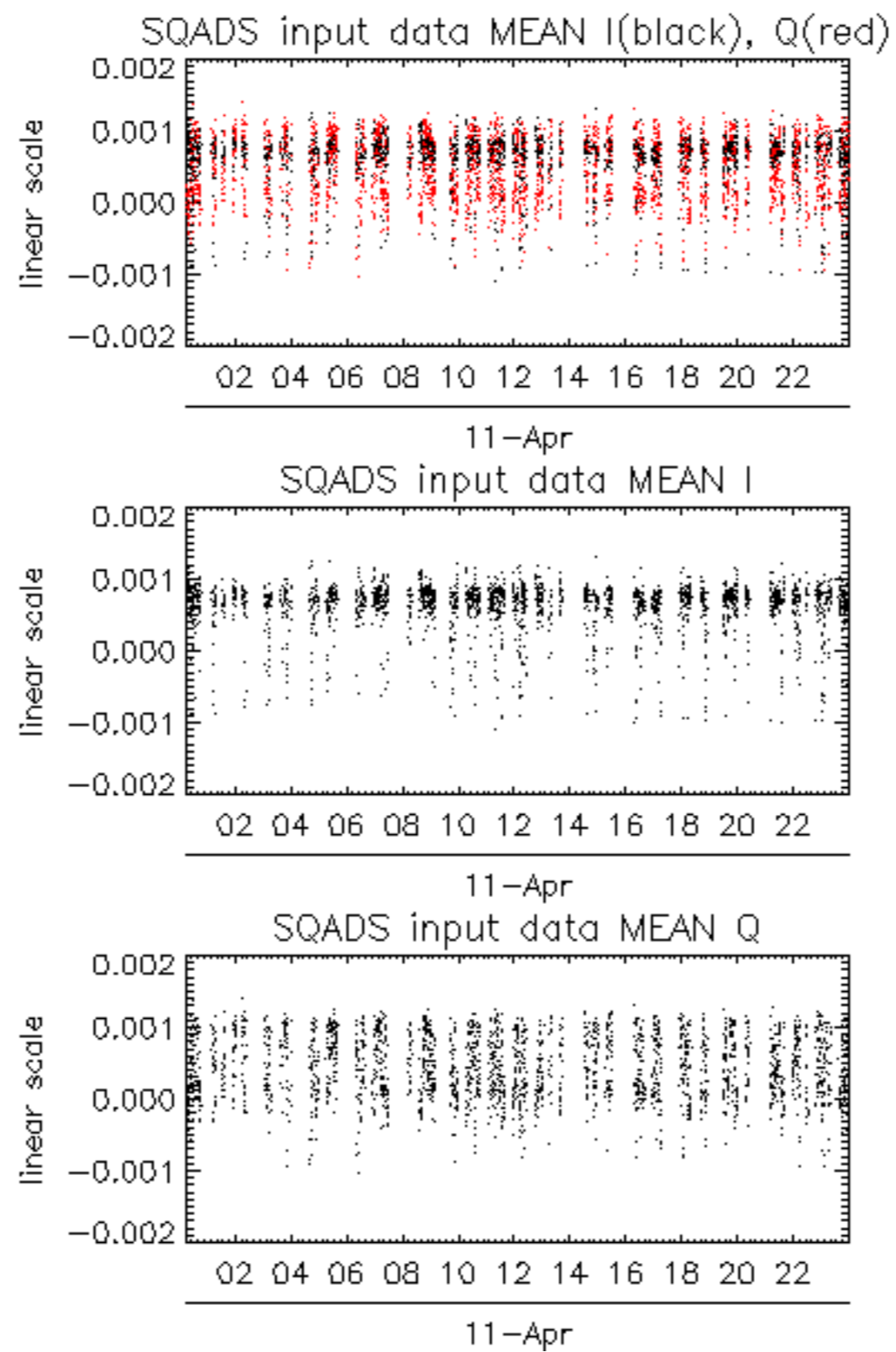


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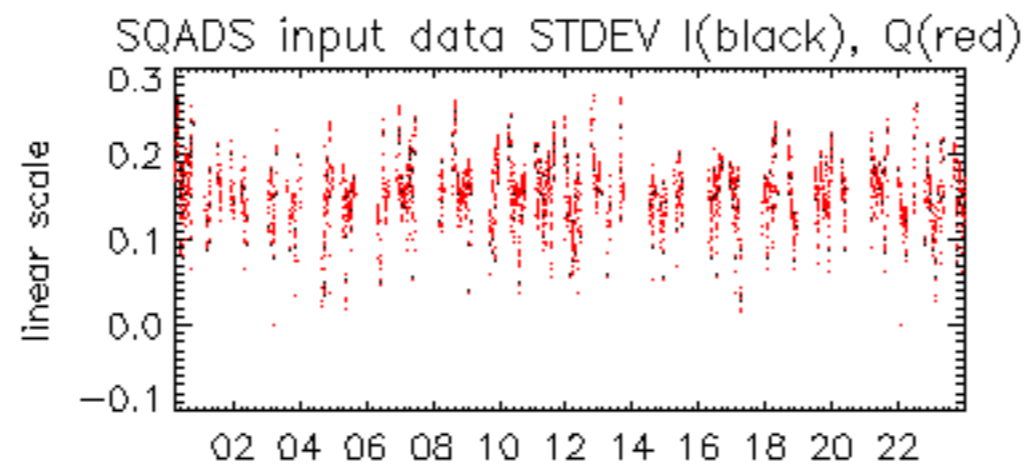


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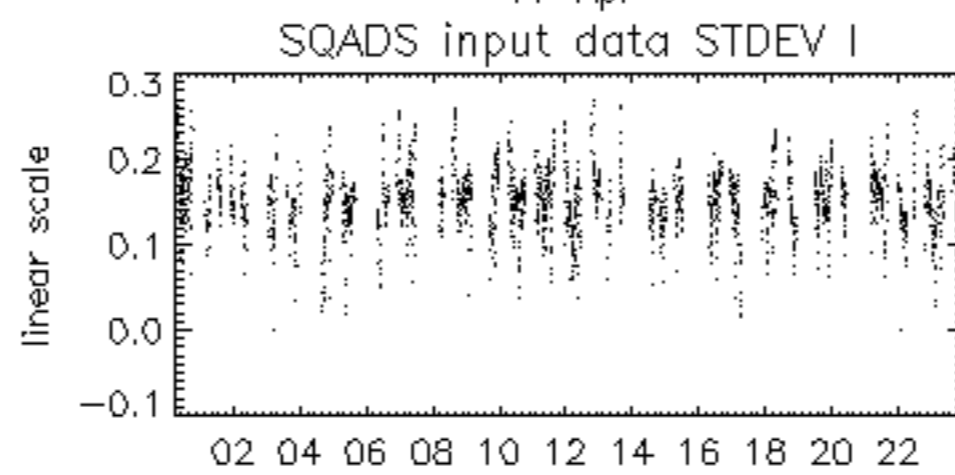




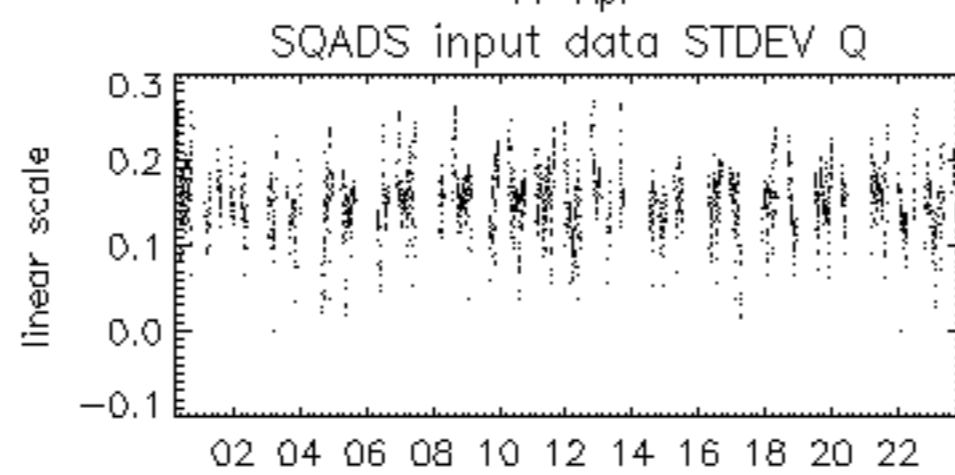




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